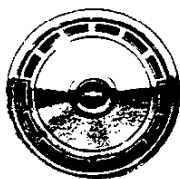
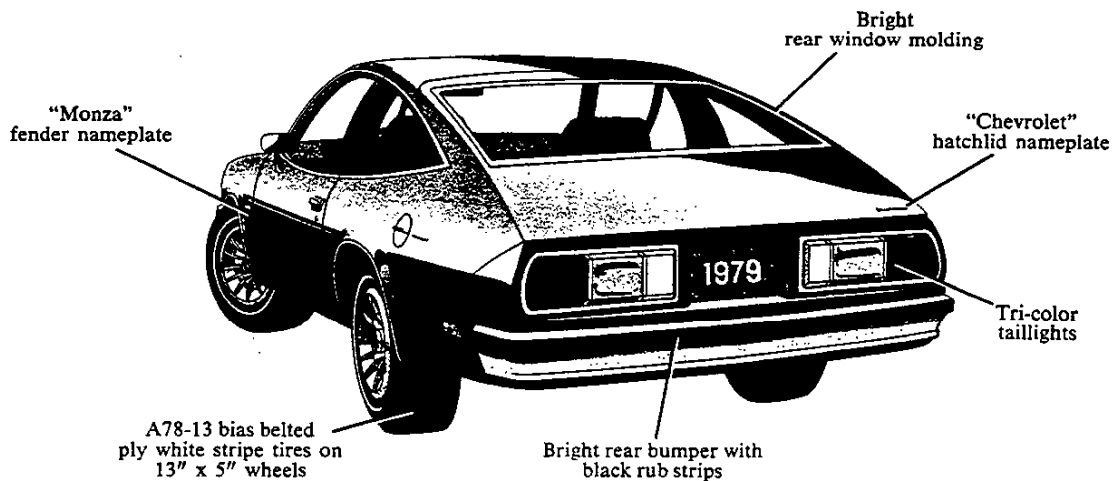
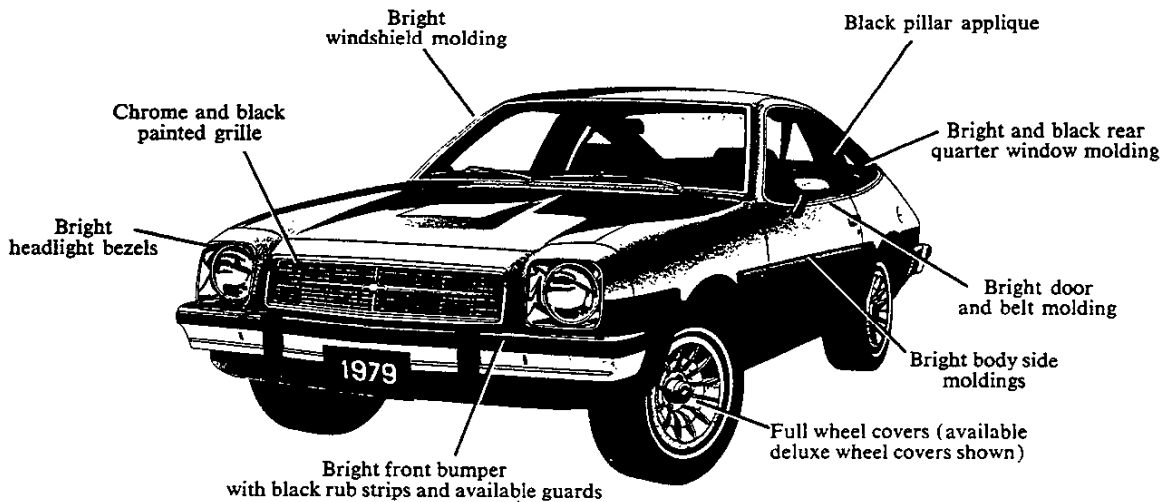


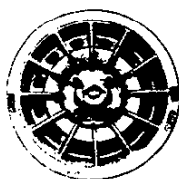
ORIGINAL COPY

MONZA

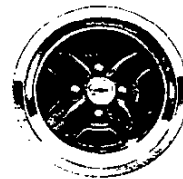
2+2 Hatchback Coupe



Standard full wheel cover



Available Color-Keyed Deluxe Wheel Cover (RPO PA3)

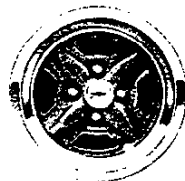
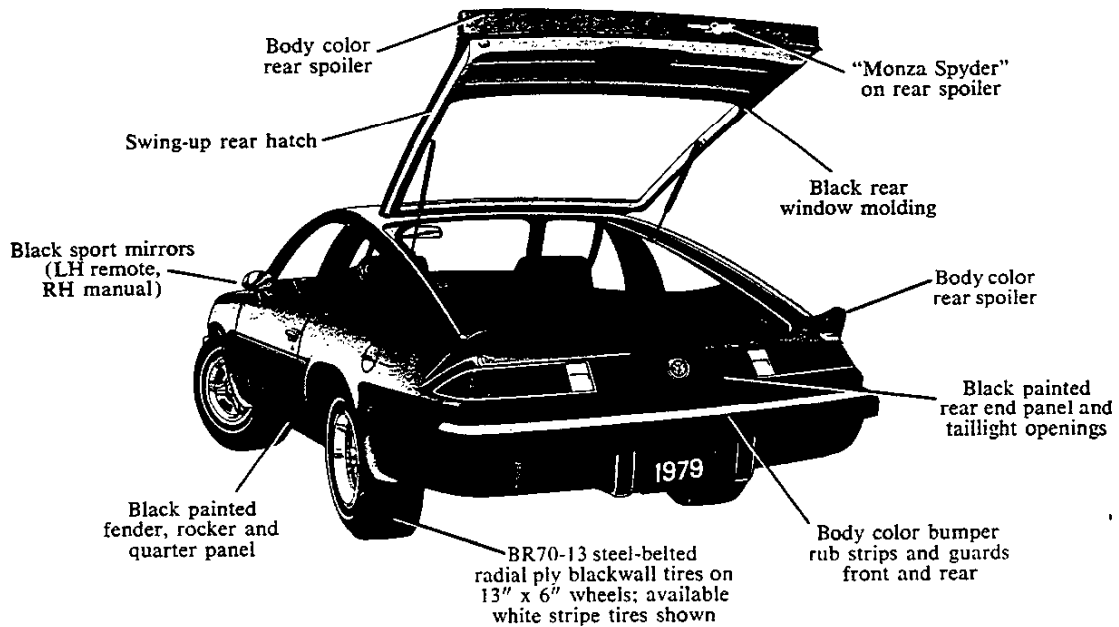
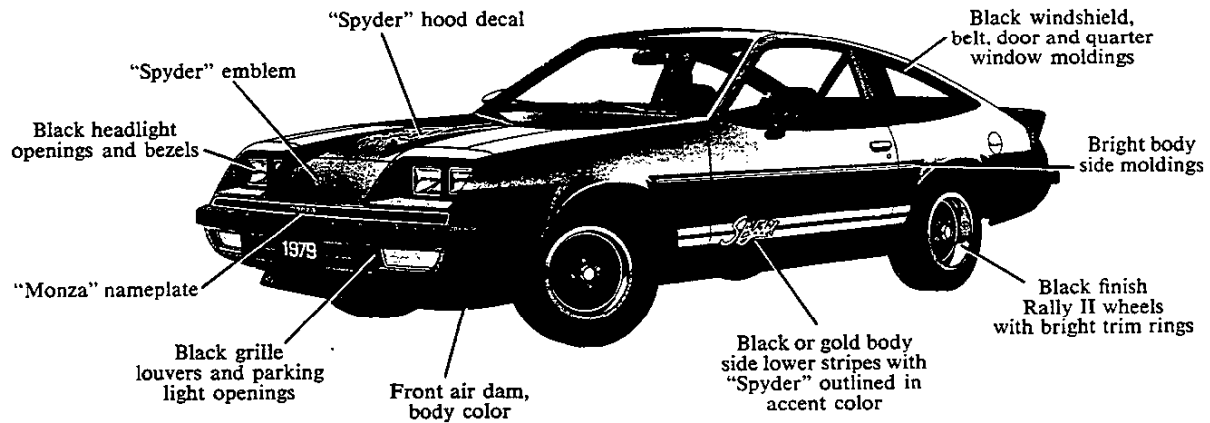


Available Rally II Wheels (RPO N98)

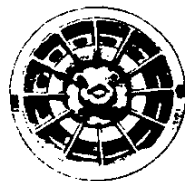
MONZA SPYDER

2+2 Sport Hatchback Coupe

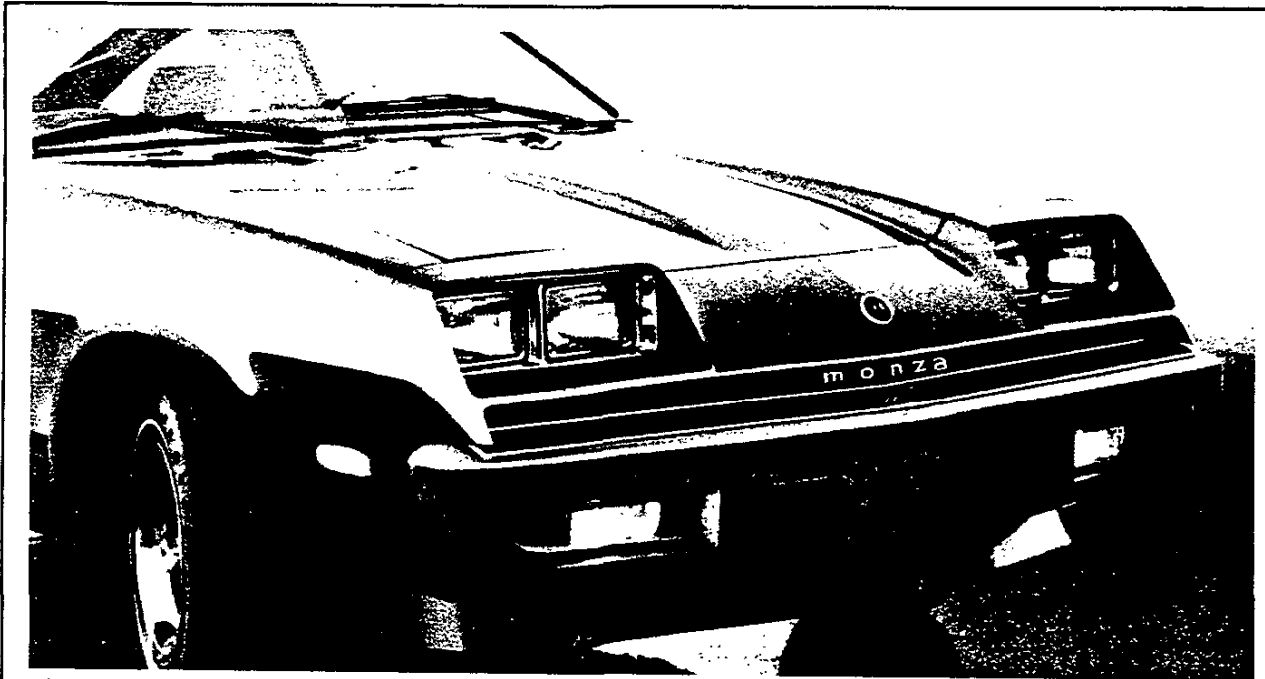
2+2 Sport Hatchback Coupe equipped with available Spyder Equipment (RPO Z01) and Spyder Appearance Package (RPO Z02). See Options page 21 for details. Also see pages 16 and 17 for Spyder striping and lettering colors available.



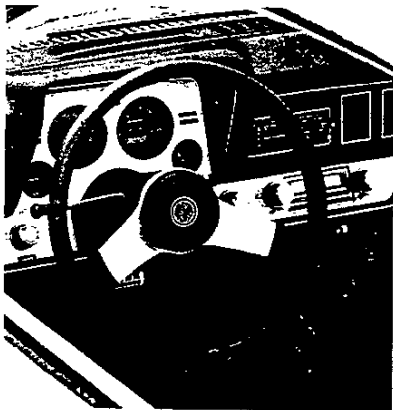
Standard Rally II Wheels with bright trim rings



Available Color-Keyed Deluxe Wheel Cover (RPO PA3)



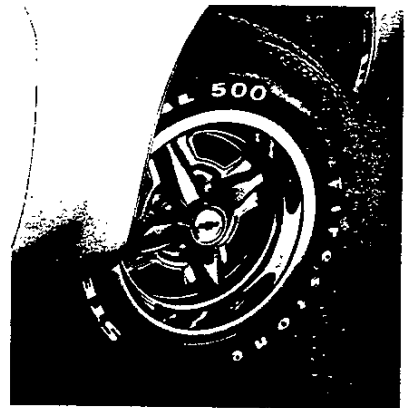
Distinctive Spyder Front Styling Features Black-Accented Headlights And Parking Lights; Special Spyder Emblem; Plus Body-Color Front Air Dam.



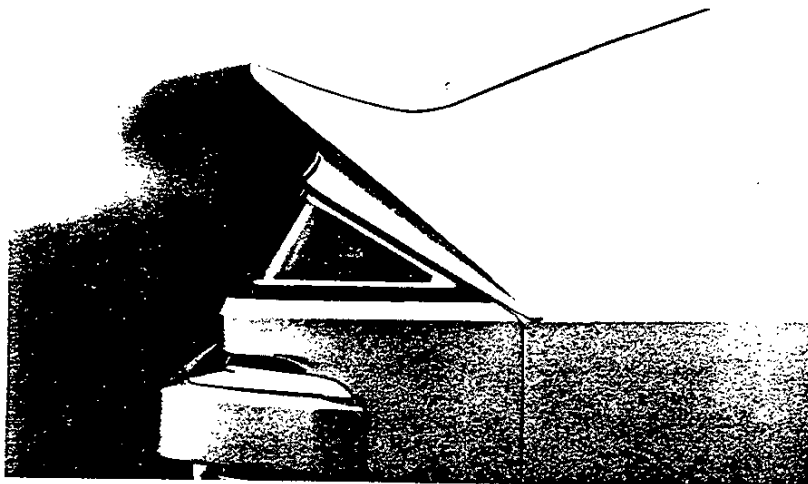
Sport Steering Wheel With Spyder Emblem



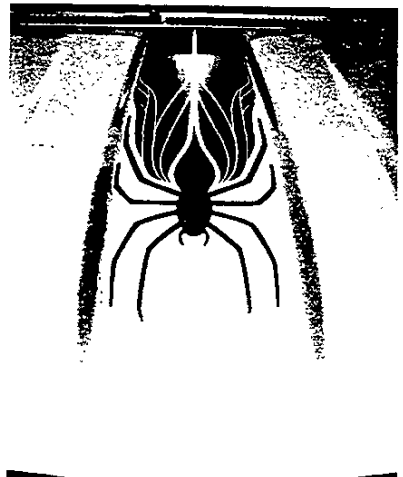
Black Sport Mirrors—
LH Remote; RH Manual



Black-Accented Rally II Wheels
With Bright Trim Rings



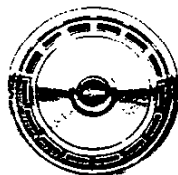
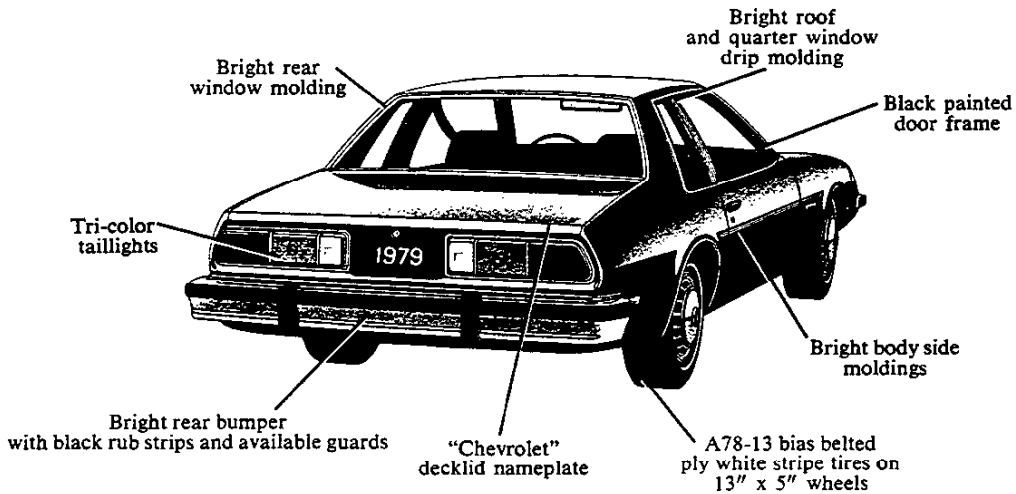
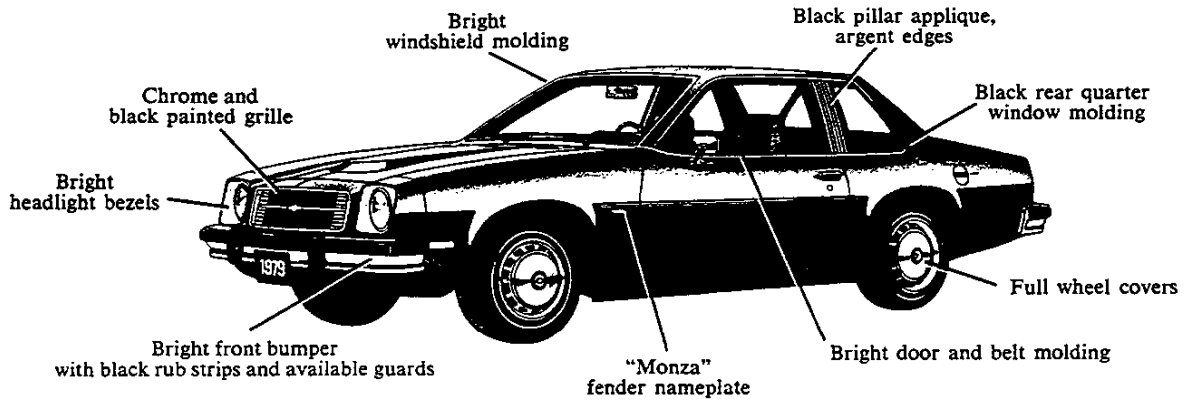
Sporty Body-Color Rear Air Spoiler



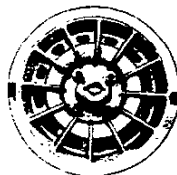
Spyder Hood Emblem

MONZA

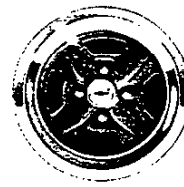
Coupe



Standard full wheel cover



Available Color-Keyed Deluxe Wheel Cover (RPO PA3)



Available Rally II Wheels (RPO N98)

MONZA SPYDER EXTERIOR, INTERIOR & STRIPING COLOR COMBINATIONS

EXTERIOR COLOR	CODE	INTERIOR COLOR					
		Black	Blue	Camel	Carmine	Green	Oyster
		BASIC SPYDER DECOR COLOR*					
Beige	61	Black (1)		Gold	Black (1)		
Black	19	Gold	Gold	Gold	Gold	Gold	Gold
Bright Blue Metallic	24	Black (4)	Black (4)				Black (4)
Dark Blue Metallic	29	Gold	Gold	Gold			Gold
Light Blue Metallic	22	Black (4)	Black (4)				
Dark Brown Metallic	69	Gold		Gold			Gold
Camel Metallic	63	Black (3)		Gold			Gold
Carmine Metallic	77	Black (2)		Gold	Black (2)		Black (3)
Light Green	40	Black (5)				Black (5)	
Medium Green Metallic	44	Black (5)				Black (5)	
Red	75	Black (2)		Gold	Black (2)		Black (3)
Silver	15	Black (1)			Black (1)		Black (1)
White	11	Black (1)	Black (4)	Black (1)	Black (1)	Black (5)	Black (1)
Bright Yellow	51	Black (4)		Black (1)			Black (1)

*See second chart below for hood emblem, side striping and spoiler lettering colors.

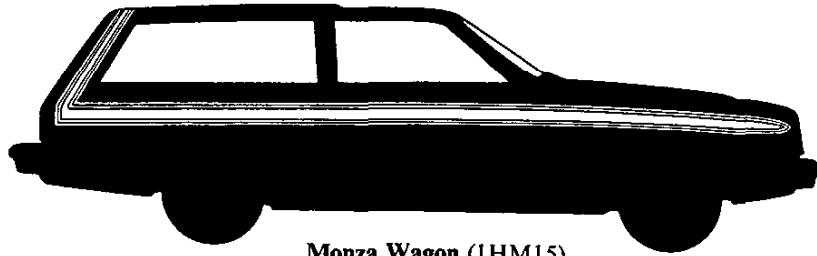
SIDE STRIPING		HOOD-SPYDER DESIGN	SPOILER LETTERING
BLACK/RED (1)	Black with Red Outline Around Lettering	SPYDER BODY-Black	"MONZA"-Black
		SPYDER OUTLINE-Gold	
		ACCENT BORDER-Red	"SPYDER"-Red with Black Accent
		WEB/STRIPE-Black	
BLACK/GOLD (2)	Black with Gold Outline Around Lettering	SPYDER BODY-Black	"MONZA"-Black
		SPYDER OUTLINE-Dark Gold	
		ACCENT BORDER-Gold	"SPYDER"-Gold with Black Accent
		WEB/STRIPE-Black	
BLACK/WHITE (3)	Black with White Outline Around Lettering	SPYDER BODY-Black	"MONZA"-Black
		SPYDER OUTLINE-Gold	
		ACCENT BORDER-White	"SPYDER"-White with Black Accent
		WEB/STRIPE-Black	
BLACK/BLUE (4)	Black with Blue Outline Around Lettering	SPYDER BODY-Black	"MONZA"-Black
		SPYDER OUTLINE-Dark Blue	
		ACCENT BORDER-Light Blue	"SPYDER"-Light Blue with Black Accent
		WEB/STRIPE-Black	
BLACK/GREEN (5)	Black with Green Outline Around Lettering	SPYDER BODY-Black	"MONZA"-Black
		SPYDER OUTLINE-Medium Green	
		ACCENT BORDER-Light Green	"SPYDER"-Light Green with Black Accent
		WEB/STRIPE-Black	
GOLD/WHITE	Gold with White Outline Around Lettering	SPYDER BODY-Gold	"MONZA"-Gold
		SPYDER OUTLINE-Bright Orange	
		ACCENT BORDER-White	"SPYDER"-White with Gold Accent
		WEB/STRIPE-Gold	

See Dealer Order Guide for latest available information.

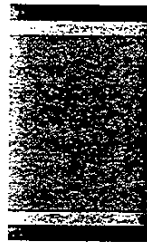
(Information for this page will be forwarded at a later date)

SPORT STRIPING

(RPO DX5)



Monza Wagon (1HM15)



Gold



Blue



Red



Green

MONZA WAGON SPORT STRIPING (RPO DX5)

EXTERIOR COLOR	CODE	INTERIOR TRIM				
		Black	Blue	Camel	Carmine	Oyster
		STRIPING COLOR				
Beige	61	Gold	—	Gold	Red	—
Black	19	Gold	Blue	Gold	Red	Red
Bright Blue Metallic	24	Blue	Blue	—	—	Blue
Dark Blue Metallic	29	Blue	Blue	Gold	—	Blue
Light Blue Metallic	22	Blue	Blue	—	—	Blue
Dark Brown Metallic	69	Gold	—	Gold	—	Gold
Camel Metallic	63	Gold	—	Gold	—	Gold
Carmine Metallic	77	Red	—	Gold	Red	Red
Light Green	40	Green	—	—	—	—
Medium Green Metallic	44	Green	—	—	—	—
Red	75	Red	—	Gold	Red	Red
Silver	15	Red	—	—	Red	Red
White	11	Red	Blue	Gold	Red	Red
Bright Yellow	51	Gold	—	Gold	—	Gold

See Dealer Order Guide for latest available information.

AVAILABLE OPTIONS

	RPO	Price	Monza 2+2 Sport Hatchback	Monza 2+2 Hatchback	Monza Coupe	Monza Wagon
Air Conditioning. Includes Heavy-Duty Radiator. Power Steering required with 3.8 Litre V6.	C60		•	•	•	•
Air Deflector, Rear Window	C51		NA	NA	NA	•
Axles:						
Performance Axle Ratio. Available with 2.5 Litre L4 with Automatic Transmission only	G92		•	•	•	•
Limited Slip Differential	G80		•	•	•	•
Battery, Heavy-Duty	UA1		•	•	•	•
Belts, Deluxe Color-Keyed Seat & Shoulder. NA with black interior	AK1		•	•	•	•
Brakes, Power	J50		•	•	•	•
Bumper Guards	V30		S	•	•	S
Carrier, Roof	V55		NA	NA	NA	•
Clock:						
Electric. Included with Special Instrumentation	U35		•	•	•	NA
Console	D55		S	S	•	S
Defogger, Electric Rear Window	C49		•	•	•	•
Emission Equipment: See Power Teams for availability						
Standard Emission System	NA5		•	•	•	•
California Emission Requirements	YF5		•	•	•	•
High Altitude Emission Equipment	NA6		•	•	•	•
Engines: See Power Teams for availability.						
3.2 Litre 2-Bbl. V6	LC9		•	•	•	•
3.8 Litre 2-Bbl. V6	LD5		•	•	•	•
5.0 Litre 2-Bbl. V8	LG3		•	•	•	NA
Floor Mats, Color-Keyed—Front & Rear	B37		•	•	•	•
Instrumentation, Special. Includes tachometer, voltmeter, temperature gage and clock. (Note: required on Wagons with 4-cylinder engine in California. NA on Wagon in all other States)	U14		•	•	•	•
Lighting, Auxiliary. Includes glove compartment light, underhood light, rear compartment light (Wagons only) and headlight reminder buzzer; RH door switch (standard on 2+2 Sport Hatchback)	TR9		•	•	•	•
Mirrors:						
Day/Night Inside Rearview. Included with Spyder Equipment	D31		•	•	•	•
Sport, LH Remote & RH Manual, Included with Spyder Appearance Package	D35		•	•	•	•
Moldings:						
Door Edge Guard	B93		•	•	•	•
Wheel Opening. NA with Spyder Appearance Package. Included with Spyder Equipment	B96		•	•	•	•
Quiet Sound Group	BS1		•	•	•	•
Radiator, Heavy-Duty. Included with Air Conditioning	V01		•	•	•	•
Radio Equipment:						
<i>(Note: Check Dealer Order Guide for other equipment included or required)</i>						
AM/FM Radio	U69		•	•	•	•
AM/FM Stereo Radio	U58		•	•	•	•
AM Radio with 8-Track Stereo Tape	UM1		•	•	•	•
AM/FM Stereo Radio with 8-Track Stereo Tape	UM2		•	•	•	•
AM/FM Stereo Radio with Stereo Cassette Tape	UN3		•	•	•	•
AM/FM Stereo Radio with Digital Clock Display	UY8		•	•	•	•
Speaker, Rear Seat. Available only with AM or AM/FM Radios	U80		•	•	•	•
Windshield Antenna. Included with factory-installed radios	U76		•	•	•	•
NA—Not Available S—Standard •—Available at extra cost						

	RPO	Price	Monza 2+2 Sport Hatchback	Monza 2+2 Hatchback	Monza Coupe	Monza Wagon
Roof Cover, Cabriolet. Monza Coupe only. (See Color and Trim Selections)	AB8		NA	•	NA	NA
Seat, Folding Rear.	AM7		S	S	•	S
Sunroof, Removable. Single glass panel.	AD3		•	•	NA	NA
Spoilers, Front and Rear. Included with Spyder Appearance Package	D80		•	NA	NA	NA
Sport Striping. NA with Spyder Equipment and Appearance Package or Monza Coupe with Cabriolet Roof Cover.	DX5		•	•	•	•
Spyder Appearance Package. Includes black headlight openings and bezels; black parking light openings; black windshield, belt, side and rear window moldings; black painted body sill; black door and center pillar louvers; black painted rear end panel and taillight openings; body color front air dam; rear spoiler, body color with Spyder identification; Spyder emblems on front panel and rear lock cover; black sport mirrors (LH remote, RH manual); black or gold lower body side stripes with Spyder lettering outlined in accent body color; Spyder hood decal; black-painted Rally II wheels with bright trim rings; Spyder identification on horn button. Requires Spyder Equipment. NA with wheel opening moldings.	Z02		•	NA	NA	NA
Spyder Equipment. Includes BR70-13 steel belted radial ply blackwall tires; Sport Suspension; inside day/night rearview mirror; Spyder identification. Also includes wheel opening moldings when Spyder Appearance Package is not ordered	Z01		•	NA	NA	NA
Steering, Power	N41		•	•	•	•
Steering Wheel, Comfortilt. Requires Power Steering with V6 or V8 engines	N33		•	•	•	•
Suspension, Sport. Available only with steel belted radial ply tires. Included with Spyder Equipment	F41		•	•	•	•
Tires:						
B78-13B Bias Ply White Stripe	QLJ		•	•	•	S
BR70-13C Steel-Belted Radial Ply Blackwall. Included with Spyder Equipment	QKX		•	•	•	•
BR70-13C Steel-Belted Radial Ply White Stripe. Not available with Spyder Equipment	QKY		•	•	•	•
BR70-13C Steel-Belted Radial Ply White Lettered	QKZ		•	•	•	•
Transmissions: See Power Teams for availability.						
Five-Speed Manual	MM5		•	•	•	•
Automatic. Includes mini-console mounted shift control on Monza Coupe	MX1		•	•	•	•
Trim, Interior: (See Color and Trim Selections)						
Custom Vinyl Interior.	--		S	•	•	•
Custom Cloth Interior	--		•	•	•	•
Knit Cloth Interior	--		NA	•	•	•
Wheel Trim:						
Deluxe Color-Keyed Wheel Covers.	PA3		•	•	•	•
Rally II Wheels. Included with Spyder Appearance Equipment	N98		•	•	•	•
Windows, Swing-Out Rear Side	A20		NA	NA	•	NA
Windshield Wiper System, Intermittent	CD4		•	•	•	•

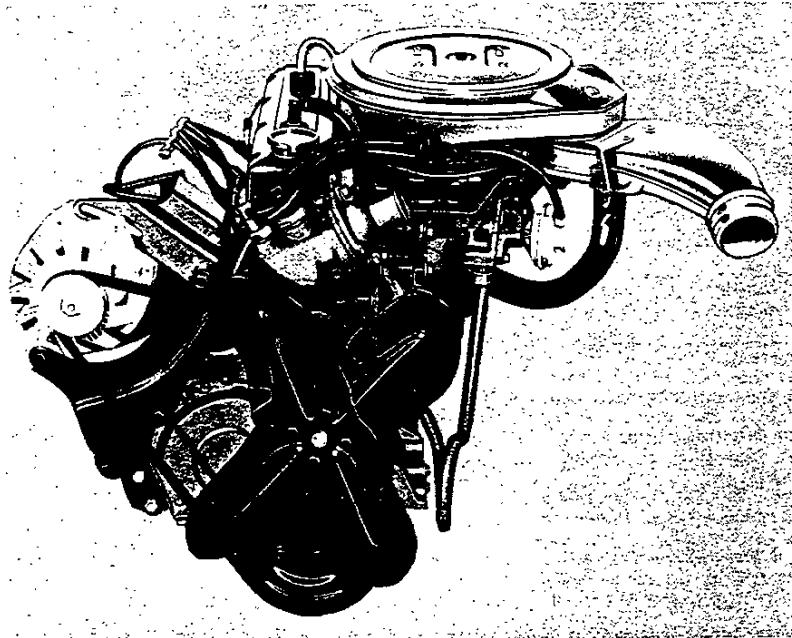
NA—Not Available S—Standard •—Available at extra cost

See Dealer Order Guide for latest available information.

Monza/21

See Options Section for Additional Details and Illustrations

POWER TEAMS



Standard 2.5 Litre 2-Bbl. L4 Engine

Engine	RPO No.	Power Rating*	Displacement (cubic inches)	Engine Availability		Transmission Availability		
				All Models except Station Wagon	Station Wagon	Four-Speed Manual RPO MM4 (1)	Five-Speed Manual RPO MM5 (1)	Automatic RPO MX1 (1)

ALL STATES EXCEPT CALIFORNIA
(with Standard Emission System—RPO NA5)

2.5 Litre 2-Bbl. L4 (A)	LX8	NA	151	Std.	Std.	Std.	EC	EC
3.2 Litre 2-Bbl. V6 (B)	LC9	105	196	EC	EC	Std.	EC	EC
5.0 Litre 2-Bbl. V8 (C)	LG3	130	305	EC	NA	Std.	NA	EC

ALL STATES EXCEPT CALIFORNIA
(with High Altitude Emission Equipment—RPO NA6)

3.8 Litre 2-Bbl. V6 (B)	LD5	115	231	EC	EC	NA	NA	EC
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CALIFORNIA ONLY
(with California Emission Requirements—RPO YF5)

2.5 Litre 2-Bbl. L4 (A)	LS6	NA	151	Std.	Std. (2)	Std.	NA	EC
3.8 Litre 2-Bbl. V6 (B)	LD5	115	231	EC	EC	Std.	EC	EC
5.0 Litre 2-Bbl. V8 (C)	LG3	125	305	EC	NA	NA	NA	EC

*S.A.E. net horsepower as installed. Std.—Standard. NA—Not Available. EC—Available at extra cost.
(1) Console-mounted shift control for both manual and automatic transmissions standard on all models except Monza Coupe; included on Monza Coupe with available Console (RPO D55). Floor-mounted shift control (with boot) standard on Monza Coupe with manual transmissions; mini-console-mounted shift control included on Monza Coupe with available Automatic transmission (RPO MX1).
(2) Special Instrumentation (RPO U14) required

- (A) Produced by GM—Pontiac Motor Division at the Pontiac, Michigan Engine Plant.
- (B) Produced by GM—Buick Motor Division at the Flint, Michigan Engine Plant.
- (C) Produced by GM—Chevrolet Motor Division at the Flint, Michigan; Tonawanda, New York and GM of Canada Engine Plants.

See EPA section for mileage estimates.

METRIC (U.S. Customary)

1979

MLVMA

Specifications Form

Passenger Car

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

Pages revised: 2,3,8,13,15,24,25,29

The information contained herein is prepared, distributed by, and is solely the responsibility of the automobile manufacturing company to whose products it relates. Questions concerning these specifications should be directed to the manufacturer whose address is shown above. This specification form was developed by automobile manufacturing companies under the auspices of the Motor Vehicle Manufacturers Association of the United States, Inc.

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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18	Tires and Wheels
18, 19	Brakes
20	Steering
21	Suspension—Front and Rear
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22	Frame
23	Convenience Equipment
24	Vehicle Mass (Weights)
25	Optional Equipment Mass (Weights)
26-30	Car and Body Dimensions—including Fiducial Marks, Glass, Lamps and Headlamp Shape
31-35	Car and Body Dimension Key Sheets
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NOTE:

1. This form uses both SI metric units and U.S. Customary units. The Metric unit of measurement 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 millimetres (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. 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.

MVMA Specifications Form
Passenger Car

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

Car Models

Model Description (Include Line Drawings of Vehicles, if Desired)	Make, Car line, Series, Body Type (Mfr's Model Code)	No. of Designated Seating Positions (Front/Rear)		Max. Trunk/Cargo Load— Kilograms (Pounds)
MONZA				
2-Door Hatchback Coupe	1HM07	2	2	
2-Door Notchback Coupe	1HM27	2	2	
2-Door Station Wagon	1HM15	2	2	
2-Door Hatchback Coupe	1HR07	2	2	
NOTE: Any specifications on the following pages that are specific to California requirements are indicated accordingly.				

MVMA Specifications Form

Passenger Car

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

U. S. Customary Units Only

Power Teams (Indicate whether standard or optional)

SAE Net bhp (brake horsepower) and net torque corrected to 85° F and 29.38 in. Hg atmospheric pressure.

SERIES # AVAILABILITY	Displ. litres (in ³)	ENGINE					TRANSMISSION	AXLE RATIO (:1) (Std. first) (Indicate A/C ratio)		
		Carb.	Compr. Ratio	SAE Net at RPM		Exhaust System*		A	B	C
				kW (bhp)	Torque N·m (lb. ft.)					
● Base - All Exc. Calif. All Models exc. High Altitude	L-4 2.5 L (151) RPO LX8	2-Bbl	8.2:1	90 @ 4400	128 @ 2400	S	4-Spd. Manual (3.50 low) - Base	2.73*	2.93	-
							5-Spd. Manual (3.40 Low) - Opt.	3.08	-	-
							3-Spd. Automatic 'Auto 200' - Opt	2.73	-	-
@@ Base - Calif All Models	L-4 2.5 L (151) RPO LS6/ LS8	2-Bbl	8.3:1	85 @ 4400	123 @ 2800	S	4-Spd. Manual (3.50 low) - Base	2.93	-	-
							3-Spd Automatic 'Auto 200' - Opt.	2.93	-	-
● Optional All exc. Calif All Models exc. High Altitude	V-6 3.2 L (196) RPO LC9	2-Bbl	8.0:1	105 @ 4000	160 @ 2000	S	4-Spd. Manual (3.50 low) - Base	2.73	-	-
							5-Spd Manual (3.40 low) - Opt.	2.93	-	-
							3-Spd. Automatic 'Auto 350' - Opt.	2.73	-	-
Optional - Calif & High Altitude All Models	V-6 3.8 L (231) RPO LD5	2-Bbl	8.0:1	115 @ 3800	190 @ 2000	S	4-Spd. Manual (D) (3.50 low) - Base	2.93	-	-
							5-Spd. Manual (3.40 low) Calif. Only	2.93	-	-
							3-Spd. Automatic 'Auto 350' - Opt.	2.56	-	2.93
Optional - All States notch- backs & Hatch- back (07)	V-8 5.0 L (305) RPO LG3	2-Bbl	8.4:1	130 @ 3200	245 @ 2000	S	4-Spd. Manual (2.85 low) - Base N.A. in Calif.	3.08*	-	-
							3-Spd. Automatic 'Auto 350' - Opt.	2.29	-	-
@@ - LS6 L-4 engine available in California until interim availability of LS8 L-4. # - 'Base' and 'Optional' refer to engine availability. Limited slip differential and air conditioning available with all axle ratios except as noted. (A) Base - All States (B) Optional except California (C) Above 4000 Feet Altitude (RPO NA6) (D) California only. * - Without Air Conditioning. California: Engine <u>5.0 Litre</u> Horsepower <u>125 @ 3200</u> Torque <u>235 @ 2000</u>										

*S-Single D-Dual

MVMA Specifications Form

Passenger Car

Car Line MONZA
 Model Year 1979 Issued 9/78 Revised (*) 2/79

U. S. Customary Units Only

Engine Description/Carb.

2.5L(151)L-4/2-Bb1 RPO LX8,LS6/LS8	3.2L V6/2-Bb1 RPO LC9	3.8L V6/2-Bb1 RPO LD5	5.0L V8/2-Bb1 RPO LG3
---------------------------------------	--------------------------	--------------------------	--------------------------

Engine — General

Total dressed engine mass (wt) dry*	305.8/308.0	420.4	422.0	488.8
Type (inline, V, Flat)	In-line	90° V		
No. of cylinders	4	6		8
Bore	4.00	3.50	3.80	3.736
Stroke	3.00	3.40		3.48
Piston Displacement cm ³ (in ³)	151	196	231	305
Bore Spacing (C/L to C/L)	4.40	4.24		4.40
Cyl. No. system (front to rear)	L Bank	1-2-3-4	1-3-5	1-3-5-7
	R Bank	---	2-4-6	2-4-6-8
Firing Order	1-3-4-2	1-6-5-4-3-2		1-8-4-3-6-5-7-2
Cylinder Head Material	Cast alloy iron			
Cylinder Block Material	Cast alloy iron			
Cylinder block deck height	9.15	9.56		9.03
Number of mtg. points	Front	Two		
	Rear	One		
Engine installation angle	4°50'	3°45'		3°55'
Recommended fuel Leaded, unleaded	Unleaded			
Fuel antiknock index (R + M) 2	87			
Cylinder Head Volume — cm ³	52.25	48.18		60.5
Head Gasket Thickness (Compressed)	99.0	.021		.021
Head Gasket Volume — cm ³	8.30	.24		.243
Deck clearance (minimum) (above or below block)	.014 below .016 above	.100	.075	.025 below
Minimum Combustion Chamber Volume — cm ³	81.87	.74.4	87.67	59.5

Engine — Pistons

Material		Cast Aluminum			
Description and finish		Sump head; slipper type, cam ground	Full skirt with transverse slot; dished head	Sump head; closed slipper skirt	
Mass, g (weight, oz.)—Piston Only		19.13	14.11	17.86	17.9
Clearance (limits)	Top land	.025-.031	.046-.056		.025-.034
	Skirt	Top	.0008-.0020		.0017-.0042
		Bottom	.0013-.0035		
Ring groove diameter	No. 1 ring	3.573-3.563	3.074-3.084	3.385-3.400	3.320-3.335
	No. 2 ring	3.573-3.563	3.074-3.084	3.385-3.400	3.320-3.335
	No. 3 ring	3.590-3.580	3.074-3.084	3.383-3.396	3.300-3.315

*Dressed engine mass (weight) includes the following:

Material required to make the engine an independent working power unit less radiator hoses, coolant, accelerator controls, or engine mountings. (Includes clutch & base trans.)

MVMA Specifications Form Passenger Car

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

U. S. Customary Units Only

Engine Description/Carb.

2.5L L-4/2-Bb1 RPO LX8, LS6/LS8	5.0L V-8/2-Bb RPO LG3
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Engine — Piston Rings

Function (top to bottom)	No. 1, oil or comp.	Compression	
	No. 2, oil or comp.	Compression	
	No. 3, oil or comp.	Oil	
Compression	Description— Material, coating, etc.	Upper Nodular iron, moly channel, barrel face	Radius face, .0004" chrome flash
		Lower Tapered face, reverse twist	Reverse twist, tapered face, lubrited
	Width	.0775-.0780	Upper-.0770-.0780; lower-.0770-.0775
	Gap	(a)	Upper-.010-.020; lower-.010-.025
Oil	Description— material, coating, etc.	Flex vent 3-piece with chrome plated rails	TRW T-flex design, .002" minimum chrome
	Width	.189	.1859-.1879
	Gap	.015-.055	.010-.035
Expanders	In oil ring assembly		

Engine — Piston Pins

Material	Chromium steel		
Length	3.0	2.990-3.010	
Diameter	.942-.938	.9270-.9273	
Type	Locked in rod, in piston, floating, etc.	Locked in rod	
	Bushing	In rod or piston	None
		Material	---
Clearance	In piston	.0002-.0004	.00025-.00035
	In rod	Pressfit	
Direction & amount offset in piston	To right-.063	Major thrust side-.060	

Engine — Connecting Rods

Material	Cast arma steel	1037 or 1038 steel	
Mass, g (weight, oz.)	21.9	13.7	
Length (center to center)	6.050	5.695-5.705	
Bearing	Material & Type	Premium aluminum	
	Overall length	.737	.797
	Clearance (limits)	.0005-.0026	.0013-.0035
	End Play	.006-.022	.006-.016

- (a) #1 - .015-.026
#2 - .009-.019

MVMA Specifications Form

Passenger Car

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

U. S. Customary Units Only

Engine Description/Carb.

3.2L V-6/2-Bb1 RPO LC9	3.8L V-6/2-Bb1 RPO LD5
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Engine — Piston Rings

Function (top to bottom)	No. 1, oil or comp.	Compression
	No. 2, oil or comp.	Compression
	No. 3, oil or comp.	Oil
Compression	Description— Material, coating, etc.	Upper - barrel face moly, cast iron Lower - inside bevel reverse tapered face, cast iron
	Width	.168-.178
	Gap	.013-.023
Oil	Description— material, coating, etc.	Stainless steel
	Width	.135-.142
	Gap	.015-.035
Expanders		Abutment type

Engine — Piston Pins

Material		SAE-1018
Length		2.90
Diameter		.9391-.9394
Type	Locked in rod, in piston, floating, etc.	Pressed in rod
	Bushing	---
		Material
Clearance	In piston	.0004-.0007
	In rod	.00075-.00125
Direction & amount offset in piston		Right-.040

Engine — Connecting Rods

Material		Arma steel
Mass, g (weight, oz.)		
Length (center to center)		5.96
Bearing	Material & Type	Premium aluminum
	Overall length	.654
	Clearance (limits)	.0005-.0026
	End Play	.006-.023

MVMA Specifications Form Passenger Car

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

U. S. Customary Units Only

Engine Description/Carb.

2.5L L-4/2-Bb1 RPO LX8, LS6/LS8	5.0L V-8/2-Bb1 RPO LG3
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Engine — Crankshaft

Material		Nodular cast iron		
Vibration damper type		None	Rubber mounted inertia	
End thrust taken by bearing (No.)		5		
Crankshaft end play		.0035-.0085	.002-.007	
Main bearing	Material & type		Premium aluminum	
	Clearance		.0002-.0022 (a)	
	Journal dia. and bearing overall length	No. 1	2.30 x 0.80	2.4489 x .802
		No. 2	2.30 x 0.80	2.4489 x .802
		No. 3	2.30 x 0.80	2.4489 x .802
		No. 4	2.30 x 0.80	2.4489 x .802
		No. 5	2.30 x 1.01	2.4484 x 1.533
		No. 6	---	---
No. 7		---	---	
Dir. & amt. cyl. offset		---		
No. bolts/main brg. cap		2		
Crankpin journal diameter		2.0	2.099-2.100	

Engine — Camshaft

Location		Right side of block	In block above crankshaft	
Material		Cast alloy iron		
Bearings	Material	Steel backed babbitt		
	Number	3	5	
Type of Drive	Gear, chain or belt		Chain	
	Crankshaft gear or sprocket material		Sintered iron	
	Camshaft gear or sprocket material		Aluminum-nylon	
	Timing chain	No. of links	None	46
Chain or Belt	Width	---	.625	
	Pitch	---	.500	

- (a) #1 - .0008-.0020
 #2 thru #4 - .0011-.0023
 #5 - .0017 - .0033

MVMA Specifications Form
Passenger Car

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

U. S. Customary Units Only

Engine Description/Carb.

3.2L V-6/2-Bb1 RPO LC9	3.8L V-6/2-Bb1 RPO LD5
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Engine — Crankshaft

Material		Nodular cast iron		
Vibration damper type		Rubber absorption		
End thrust taken by bearing (No.)		2		
Crankshaft end play		.003-.009		
Main bearing	Material & type	#1 Upper-premium aluminum Conecc; #1 lower-steel backed insert Conecc; #2 and #4-steel backed insert; #3-premium aluminum		
	Clearance	.0004-.0017		
	Journal dia. and bearing overal length	No. 1	2.4995 x .864	
		No. 2	2.4995 x 1.057	
		No. 3	2.4995 x .864	
		No. 4	2.4995 x .864	
		No. 5	---	
		No. 6	---	
No. 7		---		
Dir. & amt. cyl. offset		---		
No. bolts/main brg. cap		2		
Crankpin journal diameter		2.2487-2.2495		

Engine — Camshaft

Location		Above crankshaft at center of 'V'	
Material		Cast iron alloy	
Bearings	Material	Steel backed babbitt	
	Number	4	
Gear, chain or belt		Chain	
Crankshaft gear or sprocket material		Sintered iron	
Camshaft gear or sprocket material		Aluminum-nylon	
Type of Drive	No. of links	54	
	Timing chain		
Chain or Belt	Width	.875	
	Pitch	.375	

MVMA Specifications Form

Passenger Car

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

U. S. Customary Units Only

Engine Description/Carb.

2.5L L-4/2-Bb1 RPO LX8, LS6/LS8	5.0L V-8/2-Bb1 RPO LG3
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Engine — Valve System

Hydraulic lifters (Std., opt., NA)		Standard		
Valve rotator, type (intake, exhaust)		None	Exhaust	
Push rods (dia., length, material)		.3125 x 8.927 (a)	.3125 x 7.724 (b)	
Rocker ratio		1.75:1	1.50:1	
Operating tappet clearance (indicate hot or cold)	Intake	Zero		
	Exhaust	Zero		
Timing (based on top of ramp points)	Intake	Opens (°BTC)	33	28
		Closes (°ABC)	81	64
		Duration (deg.)	294	272
	Exhaust	Opens (°BBC)	76	78
		Closes (°ATC)	38	30
		Duration (deg.)	294	288
	Valve open overlap (deg.)		71	58
Material		SAE 1541, chrome flash stem		
Overall length		4.557	4.902-4.922	
Actual overall head dia.		1.72		
Angle of seat & face (deg.)		46 seat, 45 face		
Seat insert material		None		
Stem diameter		.3425-.3418	.3410-.3417	
Stem to guide clearance		.0010-.0027		
Intake Valve	Lift (at zero lash)		.406	.3900
	Outer spring press. & length	Valve closed— N at mm (lb. at in.)	78-86 @ 1.66	76-84 @ 1.70
		Valve open— N at mm (lb. at in.)	172-180 @ 1.25	174-186 @ 1.25
	Inner spring press. & length	Valve closed— N at mm (lb. at in.)	None	Spring damper
		Valve open— N at mm (lb. at in.)	None	Spring damper
	Material		21-2N, flash chrome stem	21-2N steel (c)
	Overall length		4.489	4.913-4.933
Actual overall head dia.		1.50	1.495-1.505	
Angle of seat & face (deg.)		45	46 seat, 45 face	
Seat insert material		None		
Stem diameter		.3425-.3418	.3410-.3417	
Stem to guide clearance		.0010-.0027		
Exhaust Valve	Lift (at zero lash)		.406	.4100
	Outer spring press. & length	Valve closed— N at mm (lb. at in.)	78-86 @ 1.66	76-84 @ 1.61
		Valve open— N at mm (lb. at in.)	172-180 @ 1.25	184-196 @ 1.16
	Inner spring press. & length	Valve closed— N at mm (lb. at in.)	None	Spring damper
		Valve open— N at mm (lb. at in.)	None	Spring damper

(a) .060" wall tubing with hardened balls each end.

(b) 1010 steel, carbonitrided, formed ends (c) Aluminized head, chrome flash stem

MVMA Specifications Form

Passenger Car

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

U. S. Customary Units Only

Engine Description/Carb.

3.2L V-6/2-Bb1 RPO LC9	3.8L V-6/2-Bb1 RPO LD5
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Engine — Valve System

Hydraulic lifters (Std., opt., NA)		Standard			
Valve rotator, type (intake, exhaust)		None			
Push rods (dia., length, material)		.3125, 8.697, .060 wall tubing with hardened balls each end			
Rocker ratio		1.55:1			
Operating tappet clearance (indicate hot or cold)	Intake	Zero			
	Exhaust	Zero			
Timing (based on top of ramp points)	Intake	Opens (°BTC)	16	16	
		Closes (°ABC)	53	63	
		Duration (deg.)	249	259	
	Exhaust	Opens (°BBC)	68		
		Closes (°ATC)	29		
		Duration (deg.)	277		
Valve open overlap (deg.)		45			
Intake Valve	Material		1041 Steel, chrome flash stem		
	Overall length		119.33-120.09 (4.698-4.728)		
	Actual overall head dia.		1.710		
	Angle of seat & face (deg.)		45		
	Seat insert material		None		
	Stem diameter		.3402-.3412		
	Stem to guide clearance		.0015-.0035		
	Lift (at zero lash)		.341	.357	
	Outer spring press. & length	Valve closed— N at mm (lb. at in.)	59-69 @ 1.727		
		Valve open— N at mm (lb. at in.)	174-190 @ 1.34		
	Inner spring press. & length	Valve closed— N at mm (lb. at in.)	Spring damper		
		Valve open— N at mm (lb. at in.)	Spring damper		
	Exhaust Valve	Material		21-2N steel, chrome flash stem, nickel plated head	
		Overall length		4.703-4.733	
Actual overall head dia.		1.50			
Angle of seat & face (deg.)		45			
Seat insert material		None			
Stem diameter		.3405-.3412			
Stem to guide clearance		.0015-.0032			
Lift (at zero lash)		.366			
Outer spring press. & length		Valve closed— N at mm (lb. at in.)	59-69 @ 1.727		
		Valve open— N at mm (lb. at in.)	174-190 @ 1.34		
Inner spring press. & length		Valve closed— N at mm (lb. at in.)	Spring damper		
		Valve open— N at mm (lb. at in.)	Spring damper		

MVMA Specifications Form Passenger Car

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

U. S. Customary Units Only

Engine Description/Carb.	2.5L L-4/2-bb1 RPO LX8,LS6/LS8	3.2L & 3.8L V6/ 2-bb1 RPO LC9&LD5	5.0L V-8/2-bb1 RPO LG3
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Engine — Lubrication System

Type of lubrication (splash, pressure, nozzle)	Main bearings	Pressure		
	Connecting rods	Pressure		
	Piston pins	Splash		
	Camshaft bearings	Pressure		
	Tappets	Pressure		
	Timing gear or chain	Nozzle	Splash & Nozzle	Centrifugally oiled
	Cylinder walls	Splash	Splash	Pressure, jet cross spray
Oil pump type	Gear			
Normal oil pressure - kPa (lb.) at engine rpm	37.5 @ 2000	34 @ 2400	45 @ 2000	
Type oil intake (floating, stationary)	Stationary			
Oil filter system (full flow, part, other)	Full flow			
Capacity of c/case, less filter—refill—L (qt.)	3.0	4.0		
Oil grade recommended (SAE viscosity and temperature range)	(a)			
Engine service reqmt. (SD, SE, etc.)	SE			

Engine — Exhaust System

Type (single, single with cross-over, dual, other)	Single	Single with crossover	
Muffler No. & Type (reverse flow, straight thru, separate resonator)	One, reverse flow		
Resonator No. & type	None		
Exhaust Pipe	Branch O.D., wall thickness	---	2.0 x .042
	Main O.D., wall thickness	2.0 x .048	2.25 x .038
	Material	Laminated stainless steel tubing	
Inter-mediate Pipe	O.D. & wall thickness	2.0 x .072	2.25 x .071
	Material	Aluminized steel tubing	
Tail Pipe	O.D. & wall thickness	2.0 x .056	2.25 x .061
	Material	Aluminized steel tubing	

- (a) Minus 6.6°C (20°F) and above—20W-20, 10W-30, 10W-40, 20W-40, 20W-50
 Minus 17.7°C to +15.5°C (0 to 60°F) — 10W, 5W-30, 10W-40, 10W-30
 Minus 6.6°C (20°F) and below — 5W-20, 10W-30

MVMA Specifications Form Passenger Car

Car Line MONZA
 Model Year 1979 Issued _____ Revised (*) 2/79

U.S. Customary Units Only

Engine Description/Carb.

2.5L L-4/2-bb1 RPO LX8, LS6 LS8	3.2L & 3.8L V6/2-bb1 RPO LC9 & LD5	5.0L V-8/2-bb1 RPO LG3
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Engine — Fuel System (See supplemental page for Details of Fuel Injection, Supercharger, etc. if used)

Induction type: Carburetor, fuel injection, supercharger.		Carburetor		
Fuel Tank	Refill capacity—L (U.S. gals.)	18.5 (Models 07, 27); 15.0 (Model 15)		
	Filler location	L.R. Quarter (Models 07-27); R.R. Quarter (Model 15)		
Fuel Pump	Type (elec. or mech.)	Mechanical	Electric	
	Locations	R.F. side of engine Mounted in fuel tank		
	Pressure range—kPa (psi)	5.0-6.5	4.25-5.75	7.5-9.0
Fuel Filter	Type	Fine mesh plastic strainer in fuel tank & pleated paper element in carburetor inlet		
	Locations			
Carburetor	Choke type	Electric	Automatic	
	Intake manifold heat control (exhaust or water)	Exhaust		
	Air cleaner type	Standard	Ducted O/S Air, Ducted air, closed paper	Ducted air, closed paper
		Optional	Replaceable element, element, single choke	element, single snorkel
Idle spd.-rpm (spec. neutral or drive)	Manual	500/N	800/N	600/N
	Automatic	500/D	600/D	500/D (600/D)
Idle A/F mix.				

Carburetor Supplementary Information

Model Usage	Piston Displ. — L (in. ³)	Transmission	Carburetors		No. Used and Type	Barrel Size
			Make	Model (b)		
ALL	151 LX8	Manual	Rochester	17059675	One, 2-bb1	1.033 Pri. 1.417 Sec.
		Automatic		17059674		
	151 LS6	Manual	Holley	(10008491)	One, 2-bb1	
		Automatic		(10009973)		
	151 LS8	Manual	Rochester	(17059775)	One, 2-bb1	
		Automatic		(17059774)		
	196	Manual	Rochester	17059193	One, 2-bb1	
		Automatic		17059194		
	231 LD5	Manual	Rochester	(17059491)	One, 2-bb1	
		Automatic		(17059498)		
Notchbacks & Hatchback (07)	305	Manual	Rochester	17059135	One, 2-bb1	1.69
		Automatic		17059134		
				(17059434)		
(a) Therman, steel						
(b) Data bracketed		() specific to California.				

MVMA Specifications Form

Passenger Car

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

U. S. Customary Units Only

Engine Description/Carb.

2.5L L-4/2/Bb1 RPO LX8, LS6/LS8	3.2L & 3.8L V6/2-bb1 RPO LC9 & LD5	5.0L V-8/2-Bb1 RPO LG3
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Engine — Cooling System

Coolant recovery system (std., opt., none)		Standard				
Radiator cap relief valve pressure—kPa (psi)		15				
Circulation thermostat	Type (choke, bypass)	Choke				
	Starts to open at °C (°F)	195				
Water pump	Type (centrifugal, other)	Centrifugal				
	GPM 1000 pump rpm					
	Number of pumps	One				
	Drive (V-belt, other)	V-belt				
	Bearing type	Permanent lubricated double row ball				
By-pass recirculation type (inter., ext.)		Internal	External	Internal		
Radiator core type (cross-flow, vertical, cellular, tube and fin, other)		Cross flow, tube & center				
Cooling System Capacity	With heater—L (qt.)	11.3	11.6	16.3		
	Without heater—L (qt.)					
	Opt. equipment—specify—L (qt.)					
Water jackets full length of cyl. (yes, no)		Yes				
Water all around cylinder (yes, no)		Yes				
Radiator hose	Lower	Number and type (molded, straight)	One, molded			
		Inside diameter	1.50	1.75		
	Upper	Number and type (molded, straight)	One, molded			
		Inside diameter	1.25	1.50	1.50	
	By-pass	Number and type (molded, straight)	None	One, molded	None	
		Inside diameter	---	.625	---	
Radiator	Standard	Width	16.8	20.3	16.8	20.3
		Height	14.77			
		Thickness	1.24			
	A/C	Width	20.3			
		Height	14.77			
		Thickness	1.24			
	Heavy duty	Width	20.3			
		Height	14.77			
		Thickness	1.24			
Fan (Standard)	Number of blades & spacing	4	5	7		
	Diameter	15.0	17.0	16.0		
	Ratio—fan to crankshaft rev.	1.16:1	1.18:1	.949:1		
	Fan cutout type	None				
Fan (optional)	No. of blades and spacing	7	7	7		
	Diameter	16.0	17.0	17.0		
	Ratio—fan to crankshaft rev.	1.25:1	1.30:1	.949:1		
	Fan cut-out type	Thermo-modulated viscous with A/C				

MVMA Specifications Form

Passenger Car

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

U. S. Customary Units Only.

Engine Description/Carb.

49 States Without Altitude RPO NA6		
2.5L (L-4) 2-bbl	3.2L (V-6) 2-bbl	5.0L (V-8) 2-bbl

Vehicle Emission Control

Type (Air injection, engine modifications, other)		Engine modifications	
Air Injection Pump	Type		
	Displacement—cm ³ (in ³)		
	Drive ratio		
	Drive type		
	Relief valve (type)		
	Filter (describe)		
Air Injection System	Air distribution (head, manifold, etc.)	CONTROLLED COMBUSTION SYSTEM	
	Point of entry		
	Injection tube i.d.		
	Check valve type		
Exhaust Emission Control	Exhaust Gas Recirculation System	Type (controlled flow, open orifice, other)	Controlled flow
		Valve type	Vacuum modulated shut-off and metering valve
		Valve location	Intake manifold
		Control energy source	Carburetor vacuum
		Exhaust source	Manifold exhaust crossover
		Exhaust cooler type	None
		Orifice no. and size	None One; .030
Catalytic Converter System	Catalyst	Type	Platinum-palladium
		Volume—L (in ³)	160 260
	Substrate type	Alumina	
	Container location	Beneath right front underbody	
Other	Carburetor	Thermostatically controlled air cleaner	
	Hot Air	regulates and mixes heated air with incoming cold air to reduce hydrocarbon emission.	

**MVMA Specifications Form
Passenger Car**

Car Line MONZA
 Model Year 1979 Issued 9/78 Revised (*) _____
U. S. Customary Units Only

Engine Description/Carb.

California & States With Altitude RPO NA6	
3.8L V-6 2-Bb1 RPO LD5	5.0L V-8 2-Bb1 RPO LG3
2.5L L-4 2-Bb1. RPO LS6/LS8	

Vehicle Emission Control

Exhaust Emission Control	Type (Air injection, engine modifications, other)		Manifold air injection	
	Air Injection Pump	Type	Semi-articulated vane	
		Displacement—cm ³ (in ³)	19.3	
		Drive ratio	1.15:1	
		Drive type	Crankshaft pulley	
		Relief valve (type)	Diverter	
		Filter (describe)	Centrifugal air cleaner	
	Air Injection System	Air distribution (head, manifold, etc.)	Exhaust pipe	
		Point of entry	Exhaust pipe	
		Injection tube i. d.	.2700	
		Check valve type	Pressure plate	
		Backfire protection (type)	Diverter valve	
	Exhaust Gas Recirculation System	Type (controlled flow, open orifice, other)	Controlled valve	
		Valve type	Vacuum modulated shut-off & metering valve	
		Valve location	Intake manifold	
		Control energy source	Carburetor vacuum	
		Exhaust source	Manifold exhaust crossover	
		Exhaust cooler type	None	
		Orifice no. and size	One; 0.030	
		Point of exhaust injection (spacer, carburetor, manifold, other)	Intake manifold	
	Catalytic Converter System	Catalyst	Type	Platinum-palladium
			Volume—L (in ³)	260
Substrate type		Alumina		
Container location		Beneath right front underbody		
Other	Carburetor	Thermostatically controlled air cleaner		
	Hot Air	regulates and mixes heated air with incoming cold air to reduce hydrocarbon emission.		

**MVMA Specifications Form
Passenger Car**

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

U. S. Customary Units Only

Engine Description/Carb.

2.5L L4/ 2-Bbl	3.2L V6/ 2-Bbl	3.8L V-6/ 2-Bbl	5.0L V-8/ 2-Bbl
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Vehicle Emission Control (Continued)

Crankcase Emission Control	Type (ventilates to atmos., induction system, other)	Standard	Induction system			
		Optional	---			
	Control Unit	Make and model	AC			
		Location	Valve cover	Intake manifold	Valve cover	
		Energy source (manifold vacuum, carburetor, other)	Manifold vacuum			
		Control method (variable orifice, fixed orifice, other)	Variable orifice			
	Complete System	Discharges (to intake manifold, other)	Intake manifold			
		Air inlet (breather cap, other)	Carburetor air cleaner			
		Flame arrestor (screen, other)	Screen			
Evaporative Emission Control	Fuel Tank	Thermal expansion volume—dm ³ (ft ³)	.13	.0410	Approx. 1% of refill capacity	
		Relief Pressure kPa (psi) and location	.925-1.52 In cap		1.1	
		Vacuum relief kPa (psi) and location	.55-.925 In cap		0.7	
		Vapor-liquid separator type	Integral with fuel tank			
	Vapor vented to (crankcase, canister, other)	Canister				
	Carbu- retor	Vapor vented to (crankcase, canister, other)	Canister			Internally Vented
Vapor Storage	Storage provision (crankcase, canister, other)	Canister				
	Volume—dm ³ (ft ³) or capacity (grams)	.055	50			
	Control valve type	Vacuum diaphragm	None		(a)	

(a) Controlled by orifice, carburetor throttle body and throttle blade position.

MVMA Specifications Form

Passenger Car

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

U. S. Customary Units Only

Engine Description/Carb.

2.5L L-4/2-Bb1 RPO LX8, LS6/LS8	3.2L & 3.8L V6/2-Bb1 RPO LC9 & LD5	5.0L V-8/2-Bb1 RPO LG3
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Electrical — Supply System

Battery	Make and Model		Delco Remy 'Freedom'			
	Voltage Rtg.—V— & Total Plates		12V-3200 watts	12V-2500 watts	12V-3200 watts	
	SAE Designation No. and/or capacity		80 minute Reserve capacity	60 minute Reserve capacity	80 minute Reserve capacity	
	Location		Engine compartment, left front			
Generator or Alternator	Make		Delco Remy			
	Model		1102394	1103033	1102394	
	Type and rating		37			
	Output at engine idle (neutral) A		12-20			
Regulator	Ratio—Gen. to Cr/s rev.		2.73:1	2.36:1	2.73:1	
	Make		Delco Remy			
	Model		---			
	Type		Micro circuit unit; integral with alternator			
	Regu- lated	Voltage		13.8-14.8		
		Current A				
	Voltage test condi- tions	Temperature—°C (°F)		Operating		
Load A		3-8				
Other		None				

Electrical — Starting System

Starting Motor	Make		Delco Remy		
	Model		1109521	1109061	1109062
Motor Drive	Engagement Type		Positive shift solenoid		
	Pinion engages from (front, rear)		Front		
	Number of teeth	Pinion		9	
		Flywheel	Manual	153	160
Auto	153		160	153	

MVMA Specifications Form

Passenger Car

Car Line MONZA
 Model Year 1979 Issued 9/78 Revised (*) 2/79

U. S. Customary Units Only

Engine Description/Carb.

2.5L L4/2-Bb1 RPO LX8, LS6/LS8	3.2L V6/2-Bb1 RPO LC9	3.8L V6/2-Bb1 RPO LD5	5.0L V8/2-Bb1 RPO LG3
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Electrical — Ignition System — Distributor

Distributor	Manual	1110757	1110695	1103281
	Automatic	1110726 (1103365)	1110695 (1110731)	1103379 (1103285)
Timing	Manual	12 @ 1000	15 @ 600	4° BTC
	Automatic	12 @ 750 (14 @ 1000)	15 @ 600	4° BTC (2° BTC)

Distributor Model	CENTRIFUGAL ADVANCE Crankshaft Degrees at Engine RPM			VACUUM ADVANCE Crankshaft Deg. at kPa (in. of Hg.)	
	Start	Intermediate	Maximum	Start	Maximum
1103281	0 @ 1000	10 @ 1700	20 @ 3800	0 @ 4	20 @ 10
1103285	0 @ 1200	12 @ 2000	22 @ 4200	0 @ 4	10 @ 8
1110695	0 @ 1680	-	15 @ 3600	0 @ 4	24 @ 10
1110731	0 @ 1680	-	15 @ 3600	0 @ 5	16 @ 8
1103379	0 @ 1000	10 @ 1700	20 @ 3800	0 @ 3	20 @ 8
1110726	0 @ 1000	10 @ 2400	18 @ 4000	0 @ 4	20 @ 10
1110757	0 @ 1200	10 @ 2400	18 @ 4000	0 @ 4	20 @ 10
1103365	0 @ 1700	-	20 @ 4650	0 @ 5	16 @ 11
Data in brackets () specific to California.					

MVMA Specifications Form

Passenger Car

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

U. S. Customary Units Only

Engine Description/Carb.

2.5L L-4/2-Bb1 RPO LX8, LS6/LS8	3.2L & 3.8LV-6/2-3b1 RPO LC9 & LD5	5.0L V-8/2-Bb. RPO LG3
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Electrical — Ignition System

Type	Conventional —Std., Opt., N.A.	---		
	Transistorized—Std., Opt., N.A.	---		
	Other (specify)	High Energy Ignition System (H.E.I.)		
Coil	Make	Delco Remy		
	Model	Integral with distributor cap		
	Current	Engine stopped—A	---	
		Engine idling—A	---	
Spark Plug	Make	AC Spark Plug		
	Model	R43TSX	R46TSX	R45TS
	Thread (mm)	14		
	Tightening torque—N·m (lb. ft.)	15	15-25	25
	Gap	.060	.060	.045

Electrical — Suppression

Locations & type	Non-metallic high tension ignition cables
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Electrical — Instruments and Equipment

Speed-ometer	Type	Circular Dial, with pointer, except 15 model, in-line with poi...
	Trip odometer (std., opt., N.A.)	N.A.
EGR maintenance indicator		N.A.
Charge Indicator	Type	Tell-Tale
	Warning device	N.A.
Temperature Indicator	Type	Tell-Tale
	Warning device	N.A.
Oil pressure Indicator	Type	Tell-Tale
	Warning device	N.A.
Fuel Indicator	Type	Electric gauge
	Warning device	N.A.
Windshield Wiper	Type—standard	Electric 2-speed
	Type—optional	Intermittent windshield wiper system
	Blade length	15.9"
	Swept area—cm ² (in. ²)	668.27, except model 15 - 689.10
Windshield Washer	Type—standard	Push-button
	Type—optional	None
	Fluid level indicator	N.A.
Horn	Type	Vibrator
	Number used	One
	Current draw (A) per horn	4.5-6.0 @ 12.5 Volts
Other	Parking brake warning light and brake failure warning light. Restraint system warning light and buzzer.	

MVMA Specifications Form

Passenger Car

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

U.S. Customary Units Only

Engine Description/Carb.

2.5L (151 CID) L-4 2-Bb1 RPO LX8, LS6, LS8	3.2L V6/2-Bb1 RPO LC9	3.8L V6/2-Bb1 RPO LD5	5.0L V8/2-Bb RPO LG3
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• Drive Units — Clutch (Manual Transmission)

Make & type	Chevrolet, single dry disc	Chevrolet, single dry disc, centrifugal
Type pressure plate springs	Diaphragm	Diaphragm, bent finger
Total spring load—N (lb.)	1560-1760	2100-2300
No. of clutch driven discs	One	
Clutch facing	Material	Woven molded asbestos
	Manufacturer	Borg & Beck
	Part Number	458635
	Rivets/Plate	36
	Rivet size	.143x.213
	Outside & inside dia.	9.12 x 6.12
	Total eff. area—cm ² (in. ²)	71.82
	Thickness	.135
Engagement cushion-method	Flat spring steel between facings	
Release bearing	Type & method of lubrication	Ball thrust, prepacked and sealed
Torsional damping	Methods: springs, friction material	Coil springs, steel friction

Drive Units — Transmissions

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

Drive Units — Manual Transmissions

Number of forward speeds		Four	Five	Four	
Transmission ratios	In first	3.50	3.40	2.85	
	In second	2.48	2.08	2.02	
	In third	1.66	1.39	1.35	
	In fourth	1.00	1.00	1.00	
	In fifth	--	0.80	--	
In reverse		3.50	3.36	2.85	
Synchronous meshing, specify gears		All forward gears			
Shift lever location		Floor mounted			
Lubricant	Capacity—L (pt.)	3.4	3.5	3.4	
	Type recommended	GI-5 Gear Lube	Dexron II	GI-5 Gear Lube	
	SAE viscosity number	Summer	80W or 80W-90		80W or 80W-90
		Winter	80W or 80W-90		80W or 80W-90
		Extreme cold	80W or 80W-90		80W or 80W-90

MVMA Specifications Form

Passenger Car

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

U. S. Customary Units Only

Engine Description/Carb.

2.5L(151)L4/ 2-Bbl RPO LX8, LS6/LS8	3.2L V-6/ 2-Bbl RPO LC9	3.8L V-6/ 2-Bbl RPO LD5	5.0L V-8/ 2-Bbl RPO LG5
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Drive Units—Automatic Transmission

Trade name	3-Speed Automatic		
Type (describe)	Torque converter with planetary gears		
	Auto '200'	Auto '350'	
Selector location	Floor mounted		
Gear Ratios	P	Park	
	R	2.07	1.93
	N	Neutral	
	D	2.74-1.57-1.00	2.52-1.52-1.00
	L2	2.74-1.57	2.52-1.52
	L1	2.74	2.52
Max. upshift speed—drive range—km/h (mph)			114-138 (71-86)
Max. kickdown speed—drive range—km/h (mph)			108-134 (67-83)
Torque Converter	Number of elements	3	
	Max. ratio at stall	2.0	2.35
	Type of cooling (air, liquid)	Liquid	
	Nominal diameter	11.75	
Lubricant	Capacity—refill—L (pt.)	7.0	
	Type recommended	Dexron II	
Special transmission features			

Drive Units—Axle

Type (front, rear)	Rear			
Description	Semi-floating hypoid			
Limited Slip differential, type	Cone clutch			
Drive Pinion Offset	1.50 Vertical			
No. of differential pinions	Two			
Pinion adjustment (shim, other)	Shim			
Pinion bearing adj. (shim, other)	Collapsible sleeve			
Wheel bearing type	Single row, cylindrical roller			
Lubricant	Capacity—L (pt.)	3.5		
	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 Ratio Tooth Combinations (See "Power Teams" for axle ratio usage.)

Axle Ratio	2.29	2.56	2.73	2.93	3.08	
No. of teeth	Pinion	17	16	15	14	13
	Ring gear	39	41	41	41	40
Ring Gear O. D.	7.50					

MVMA Specifications Form

Passenger Car

Car Line MONZA
 Model Year 1979 Issued _____ Revised (*) _____

U. S. Customary Units Only.

Engine Description/Carb.

2.5L(151)L-4/ 2-BB1 RPO LX8, LS6/LS8	3.2L V6/2-bb1 RPO LC9	3.8L V6/2-bb1 RPO LD5	5.0L V8/2-bb1 RPO LG3
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Drive Units—Propeller Shaft

Number used		One	
Type (straight tube, tube-in-tube, internal-external damper, etc.)		Straight tube	
Outer diam. x length* x wall thickness	Manual 3-speed trans.	N.A.	
	Manual 4-speed trans.	2.75 x 47.44 x .065	2.75 x 45.34 x .065
	Manual 5-speed trans.	2.75 x 44.78 x .065	2.75 x 42.64 x .065 N.A.
	Overdrive	N.A.	
	Automatic transmission	2.75 x 47.88 x .065	2.75 x 45.34 x .065
Intermediate bearing	Type (plain, anti-friction)	None	
	Lubrication (fitting, prepack)	---	
Slip Yoke	Type	Spline	
	Number of teeth	27	
	Spline O. D.	1.1750-1.1715	
Universal joints	Make and Mfg. No.	Chevrolet 1285 (a)	
	Number used	Two	
	Type (ball and trunnion, cross)	Cross	
	Rear attach (u-bolt, clamp, etc.)	Flange type	
	Bearing	Type (plain, anti-friction)	Anti-friction
Lubric. (fitting, prepack)		Prepack	
Drive taken through (torque tube or arms, springs)		Rear suspension control arms & torque arm	
Torque taken through (torque tube or arms, springs)		Rear suspension control arms & torque arm	

*Center to center of universal joints, or to centerline of rear attachment.

(a) Chevrolet 1315 with 305 V-8 & auto. trans.

MVMA Specifications Form Passenger Car

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

U. S. Customary Units Only

Engine Description/Carb.

2.5L (151 CID)	L-4/2-Bb1	3.2L & 3.8L	5.0L
Notchback & Hatchback	Sta. Wgn.	V-6/2-Bb1	V8/2-Bb1
		All	Notchback & Hatchback (07)

Drive Units—Tires And Wheels (Standard)

TIRES	Size, load range, ply		A78-13 W/S	B78-13 W/S	BR70-13 (a)
	Type (bias, radial, etc.)		Bias ply		
	Inflation pressure (cold) for recommended max. vehicle load	Front—kPa (psi)	32	32	32
		Rear—kPa (psi)	32	32	32
	Rev./mile—at 70 km/h (45 mph)		384	866	870
WHEELS	Type & material				
	Short spoke spider steel				
	Rim (size & flange type)				
	13 x 5 - M00 series; 13 x 6 - R00 series				
	Wheel offset				
	0.20				
Attachment	Type (bolt or stud)	Stud			
	Circle diameter	4.00			
	Number & size	4-7/16-20 UNF-2B			
Spare wheel (same or other)					
Same					

Drive Units—Tires And Wheels (Optional)

Size, load range, ply				
Type (bias, radial, etc.)				
Wheel type & material		Cast aluminum, forged		
Rim (size, flange type, and offset)		13 x 6; 0.20		
Size, load range, ply		BR70-13 (b)	BR70-13 (c)	BR70-13 (b)
Type (bias, radial, etc.)		Radial	Radial	Radial
Wheel type & material		Rally II; steel		
Rim (size, flange type, and offset)		13 x 6; 0.45		
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				
Base		Same as ground tires (M15); Remainder - stowaway		
Optional		Space saver (Stowaway not available with HM15)		

Brakes—Parking

Type of control		Grip handle		
Location of control		On tunnel between front seats		
Operates on		Rear service brakes		
If separate from service brakes	Type (internal or external)	---		
	Drum diameter	---		
	Lining size (length x width x thickness)	---		

- (a) Blackwall - std.; white stripe and white letter - optional. W/S not available with RPO Z01.
 (b) Base with RPO Z01 and RPO F41. (c) Required with RPO F41.

MVMA Specifications Form Passenger Car

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

U. S. Customary Units Only

Body Type And/Or Engine Displacement

Hatchback & Notchback	Station Wagon
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Brakes—Service

Brake Type (std., Opt., N.A.)	Drum	Front	N.A.
		Rear	Standard
	Disc	Front	Standard
		Rear	N.A.
Self-adjusting (std., opt., N.A.)			Standard
Special Valving	Type (proportion, delay, metering, other)		Metering & proportioning
Power Brake (std., opt., N.A.)			Optional
Booster Type (remote, integral, vac., hyd., etc.)			Integral
Anti-skid device type (std., opt., N.A.)			N.A.
Effective area—cm ² (in. ²)*			90.6
Gross lining area—cm ² (in. ²)**			93.6
Swept area—cm ² (in. ²)**			264.8
Rotor	Outer working diameter	F	9.74
		R	--
	Thickness	F	0.88
		R	--
	Material & type (vented/solid)	F	Cast iron, vented
		R	--
Drum	Diameter (nominal)	F	--
		R	9.5
	Type and material		Composite, cast iron rim & steel web
Wheel cylinder bore	Front	2.50	
	Rear	.6875	
Master Cylinder	Bore	.875	
	Stroke	Manual - 1.35; Power - 1.27	
Pedal arc ratio			5.72:1
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.	Bonded
		Rivet size	--
		Manufacturer	Delco Moraine
		Lining Code	Inboard - GM110FF; Outboard-GM115FE
		Material	Molded semi-metallic asbestos
		Size	5.26 x 1.54 x .430
		Shoe thickness (no lining)	.590
	Rear Wheel	Bonded or riveted, rivets/seg.	Riveted-8 primary, 10 secondary
		Manufacturer	Delco Moraine
		Lining Code	Primary - GM244FF; Secondary-GM236FF
		Material	Molded asbestos
		Size	7.30 x 1.99 x .23
		Shoe thickness (no lining)	Primary - .275, Secondary - .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 $\pi/2$ for each brake.)

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

MVMA Specifications Form Passenger Car

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

U. S. Customary Units Only

Hatchback & Notchback	Station Wagon
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Steering

Manual (std., opt., N.A.)			Standard	
Power (std., opt., N.A.)			Optional	
Adjustable steering wheel (tilt, swing, other)	Type and description		Tilt - universally jointed steering shaft at base of steering wheel; 5" vertical travel range	
	(Std., opt., N.A.)			Optional
Wheel diameter	Manual		15.0	
	Power		15.0	
Turning diameter m(feet)	Outside front	Wall to wall (l. & r.)	38.4	
		Curb to curb (l. to r.)	35.8	
	Inside rear	Wall to wall (l. to r.)		
		Curb to curb (l. to r.)		
Manual	Gear	Type	Semi-reversible, recirculating anti-friction bearings	
		Make	Saginaw Steering Gear	
		Ratios	Gear	20.9:1
			Overall	22.5:1
	No. wheel turns (stop to stop)		4.4	
Power	Type (coaxial, linkage, etc.)		Integral gear & power piston with vane type pump	
	Make		Saginaw Steering Gear	
	Gear	Type	Same as manual	
		Ratios	Gear	16.0/13.0:1
			Overall	18.8 on center
	Pump driven by		Crankshaft pulley	
No. wheel turns (stop to stop)		2.8		
Linkage	Type		Parallelogram	
	Location (front or rear of wheels, other)		Front	
	Drag links (trans. or longit.)		Transverse	
	Tie rods (one or two)		Two	
Steering Axis	Inclination at camber (deg.)		8.55 @ 25	
	Bearings (type)	Upper	Sintered steel spherical	
		Lower	Sintered Steel spherical	
		Thrust	None	
Steering spindle & joint type			Spherical joint steering knuckle pivots	
Wheel Spindle	Diameter	Inner bearing	1.25	
		Outer bearing	.6875	
	Thread size		11/16-20 NEF-3 (modified)	
	Bearing type		Tapered roller	
Wheel Align at curb mass (wt.)	Service checking	Caster (deg.)	-1.8 to +0.2	
		Camber (deg.)	-0.6 to +1.0	
		Toe- (deg.)	-0.19 to +0.06	
	Service reset	Caster (deg.)	-0.8±0.5	
		Camber (deg.)	-0.2±0.5	
		Toe-in (deg.)	-0.06±0.06	
	Periodic M.V. inspection	Caster (deg.)	-2.8 to +1.2	
		Camber (deg.)	-1.3 to +1.7	
		Toe-in (deg.)	-0.42 to +0.31	

MVMA Specifications Form Passenger Car

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

U. S. Customary Units Only

Body Type And/Or Engine Displacement

Hatchback & Notchback	Station Wagons
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Suspension — General

(See Supplement page for details on Air Suspension)

Provision for car leveling	None	
Provision for brake dip control	Front suspension geometry	
Provision for acc. squat control	Rear suspension geometry	
Special provisions for car jacking	Position jack in bumper slot in lower face of front & Rear bumpers	
Shock absorber front & rear	Type	Direct double acting hydraulic
	Make	Delco Products
	Piston dia.	1.0
Other special features		

Suspension — Front

Type and description	Independent SLA, coil springs	
Travel	Full Jounce	1.94
	Full Rebound	3.50
Spring	Type (coil, leaf, other)	Coil
	Material	Steel alloy
	Size (coil design height & I.D., bar length x dia.)	8.70 x 3.50; 98.58 x .562 (a)
	Spring rate — N/mm (lb./in.)	325 (a)
	Rate at wheel — N/mm (lb./in.)	92 (a)
Stabilizer	Type (link, linkless, frameless)	Link
	Material & bar diameter	HR steel: 1.06

Suspension — Rear

Type and description	Salisbury rear axle, coil springs, torque arm	
Drive and torque taken through	Torque arm system	
Travel	Full Jounce	2.75
	Full Rebound	4.64
Spring	Type (coil, leaf, other)	Coil
	Material	Chrome carbon steel heat treated
	Size (length x width, coil design height & I.D., bar length & dia.)	10.24 x 4.24; 107.06 x .499 (a)
	Spring rate — N/m (lb./in.)	130 (a)
	Rate at wheel — N/m (lb./in.)	140 (a)
	Mounting insulation type	Rubber pad — top and bottom
If leaf	No. of leaves	--
	Shackle (comp. or tens.)	--
Stabilizer	Type (link, linkless, frameless)	Link, optional equipment
	Material & bar diameter	HR steel; .75 W/RPO F41, 0.81 W/RPO Z01
Track bar type	Lateral	

MVMA Specifications Form

Passenger Car

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

U. S. Customary Units Only

Body Type

2-Door Hatchback Coupes	2-Door Notchback Coupe	2-Door Station Wagon
1HM07&R07	1HM27	1HM15

Body — Miscellaneous Information

Type of finish (lacquer, enamel, other)	Acrylic Lacquer - California, Water Base	
Hood counterbalanced (yes, no)	No	
Hood release control (internal, external)	External	Internal
Vehicle Ident. No. Location	Top left hand of instrument panel pad	
Vent window control method (crank, friction pivot, power)	Front	None
	Rear	None
Seat cushion type	Front	Formed full foam pad
	Rear	Formed full foam pad
	3rd Seat	--
Seat back type	Front	Formed full foam pad
	Rear	Formed full foam pad
	3rd seat	--
Method of holding luggage compart. lid open	Telescoping gas springs	Torsion rods
Position of spare tire storage	Models 1HM27,07&1HR07-Inflatable tire rear quarter panel wall. Model 1HM15-Flat in recessed area of compartment floor.	

Frame

Type and description (Separate frame, unitized frame, partially-unitized frame)	Integral Body - Frame
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MVMA Specifications Form
Passenger Car

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

U. S. Customary Units Only

		Body Type		
		2-Door Hatchback Coupes	2-Door Notchback Coupe	2-Door Station Wagon
Convenience Equipment		1HM07&R07	1HM27	1HM15
Power windows	Side Windows	N.A.		
	Vent windows	N.A.		
	Backlight or tailgate	N.A.		
Power seats (specify type as well as availability)		N.A.		
Reclining front seat back (R-L or both)		Optional, left only		
Radios (specify type as well as availability)		Optional-AM Pushbutton, AM/FM Pushbutton, AM/FM Stereo 2-speakers, AM/FM Stereo with Tape.		
Rear seat speaker		Optional		
Power antenna		N.A.		
Clock		Optional, except 1HM15		
Air conditioner (specify type)		Optional - Four Season, with manual controls		
Speed warning device		N.A.		
Speed control device		N.A.		
Ignition lock lamp		N.A.		
Dome lamp		Standard		
Glove compartment lamp		Optional		
Luggage compartment lamp		N.A.		
Underhood lamp		Optional		
Courtesy lamp		N.A.		
Map lamp		N.A.		
Cornering lamp		N.A.		
Rear window defroster electrically heated		Optional		
Rear window defogger		N.A.		
Theft protection—type		Lock mounted on steering column; locks steering wheel, transmission shift levers and ignition.		

MVMA Specifications Form
Passenger Car

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

Optional Equipment Mass (Weights)*				
Equipment Differential Mass (Weights)	MASS, kg. (Weight, lb.)			Remarks
	Front	Rear	Total	
Air Conditioning	+ 61	+ 2	+ 63	Used with L4 engine
	+ 59	+ 4	+ 63	Used with V6 engine
	+ 69	+ 5	+ 74	Used with V8 engine
Power Brakes	+ 8	+ 2	+ 10	
Power Steering	+ 35	- 3	+ 32	with L-4 and V-6 engines
	+ 32	- 2	+ 30	with V-8 engine
Floor Mats Front & Rear	+ 3	+ 4	+ 7	
Radio AM Push-Button	+ 5	+ 1	+ 6	
Radio AM/FM Push Button	+ 5	+ 2	+ 7	
Radio AM/FM Stereo	+ 7	+ 2	+ 9	
Radio Stereo AM/FM Push-Button & Tape	+ 8	+ 3	+ 11	
Auxiliary Speaker	0	+ 2	+ 2	
Roof Luggage Carrier	+ 1	+ 11	+ 12	1 HM15 Model
Front Compartment Console	+ 4.0	+ 3.0	+ 7	
Wheel Trim Rings	+ 2	+ 2	+ 4	
5-Speed Transmission	- 15	- 6	- 21	with L-4 engine
	- 9	- 5	- 14	with V-6 engines
Automatic Trans.	- 8	- 3	- 11	used with LX8/LS6/LS8
	+ 4	+ 2	+ 6	used with LC9/LD5
	+ 15	+ 6	+ 21	used with LG3
3.2 Litre-V6, 196 CID	+110	+ 9	+119	1HM00 models
RPO LC9	+ 97	+ 6	+103	1HR00 models
3.8 Litre-V6, 231 CID	+134	+ 11	+145	1HM00 models
RPO LD5	+121	+ 7	+128	1HR00 models
5.0 Litre-V8, 305 CID				
RPO LG3	+248	+ 21	+269	

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

MVMA Specifications Form

Passenger Car

Car Line MONZA
 Model Year 1979 Issued 9/78 Revised (*) 2/79

U. S. Customary Units Only.

Car and Body Dimension 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		2-Door Notchback Coupe	2-Door Station Wagon
	1HM07	1HR07	1HM27	1HM15
Width				
Tread — Front	W101		54.8	
Tread — Rear	W102		53.6	
Vehicle width	W103		65.4	
Body width at Sg RP — front	W117	64.7	64.7	64.4
Vehicle width — front doors open	W120	150.4	148.0	146.8
Vehicle width — rear doors open	W121		-----	

Length

Wheelbase	L101			97.0	
Vehicle length	L103	179.2	179.3	179.2	178.6
Overhang — front	L104	37.0	36.8	37.0	36.0
Overhang — rear	L105	45.2	45.5	45.2	45.6
Upper structure length	L123	100.9		87.2	108.0
Rear wheel C/L "X" coordinate	L127			86.0	
Cowl point "X" coordinate	L125		12.0	10.9	12.0

Height*

Passenger Distribution (frt./rear)	PD1,2,3			2-2	
Trunk/Cargo load				0	
Vehicle height	H101	50.2		49.8	51.8
Cowl point to ground	H114			35.1	
Deck point to ground	H138				
Rocker panel front to ground	H112	6.6			6.6
Bottom of door closed—front to grd.	H133	9.2			9.2
Rocker panel rear to ground	H111	6.2			6.2
Bottom of door closed—rear to grd.	H135			---	

Ground Clearance*

Front bumper to ground	H102	10.0	6.9		10.0
Rear bumper to ground	H104	12.0	10.6		12.1
Bumper to ground—front at curb mass (wt.)	H103	10.9	7.8		10.9
Bumper to ground—rear at curb mass (wt.)	H105	14.0	12.5		14.0
Angle of approach	H106	23° 11'	15° 01'		23° 12' 23° 13'
Angle of departure	H107	18° 28'	16° 03'		18° 12' 19° 13'
Ramp breakover angle	H147		12° 24'		12° 16'
Rear axle differential to ground	H153				6.1
Min. running ground clearance	H156				4.8
Location of min. run. grd. clear.					Catalytic Converter

*All vehicle height and ground clearances are made at the Manufacturer's Design Load Weight, unless otherwise specified.
 Manufacturer's Design Load Weight is defined with indicated passenger distribution and trunk/cargo load.

MVMA Specifications Form
Passenger Car

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

Car and Body Dimensions See Key Sheets for definitions

U.S. Customary Units Only

		Body Type			
SAE Ref. No.		2-Door Hatchback Coupes		2-Door Notchback Coupe	2-Door Station Wagon
		1HM07	1HR07	1HM27	1HM15
Front Compartment					
Sg RP front, "X" coordinate	L31	43.7		43.7	
Effective head room	H61	37.7		37.6	38.5
Effective T Point head room	H75	37.8		37.7	38.6
Max. eff. leg room—accelerator	L34	43.0		43.0	
Sg RP — front to heel	H30	7.3		7.3	8.1
Design H-point front travel	L17			6.5	
Shoulder room	W2	51.0		51.7	51.3
Hip room	W5	47.5		48.6	46.9
Upper body opening to ground	H50	45.7		45.3	47.3
Steering Wheel Angle	H18			18.0°	
Back Angle	L40			26.0°	
Rear Compartment					
Sg RP Point couple distance	L50	27.3		27.0	27.4
Effective head room	H63	35.3		37.2	40.1
Effective T Point head room	H76	35.7		36.9	40.3
Min. effective leg room	L51	29.6		28.2	30.2
Sg RP—second to heel	H31	8.4		8.9	8.5
Knee clearance	L46		-2.3	-2.7	-2.2
Compartment room	L3	24.1		24.7	24.5
Shoulder room	W4	51.2		50.8	49.2
Hip room	W6	42.0		42.0	42.5
Upper body opening to ground	H51			--	
Luggage Compartment					
Usable luggage capacity—L (cu. ft.)	V1		--	6.6	--
Liftover height	H195	28.8		22.8	22.7

MVMA Specifications Form

Passenger Car

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

U. S. Customary Units Only

Car and Body Dimensions See Key Sheets for definitions

		Body Type	
SAE Ref. No.	2-Door Hatchback Coupes	2-Door Station Wagon	
	1HM07 1HR07	1HM15	
Station Wagon — Third Seat			
Shoulder room	W85		
Hip room	W86		
Effective leg room	L86	NOT	
Effective head room	H86	APPLICABLE	
Effective T Point head room	H89		
Seat facing direction	SD1		

Station Wagon — Cargo Space

Cargo length—open—front	L200	65.0
Cargo length—open—second	L201	37.8
Cargo length—closed—front	L202	65.3
Cargo length—closed—second	L203	38.1
Cargo length at belt—front	L204	57.2
Cargo length at belt—second	L205	30.9
Cargo width—wheelhouse	W201	42.5
Rear opening width at floor	W203	41.4
Opening width at belt	W204	47.0
Max. rear opening width above belt	W205	34.1
Cargo height	H201	28.6
Rear opening height	H202	25.7
Tail gate to ground height	H250	22.7
Front seat back to load floor height	H197	
Cargo volume index—m ³ (ft. ³)	V2	46.6
Hidden cargo volume—m ³ (ft. ³)	V4	--

Hatchback — Cargo Space

Front seat back to load floor height	H197	18.3
Cargo length at front seat Back Height	L208	40.5
Cargo length at floor—front	L209	61.9
Cargo volume index—L (ft. ³)	V3	27.8
Hidden cargo volume—L (ft. ³)	V4	

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.

MVMA Specifications Form

Passenger Car

Car Line MONZA
 Model Year 1979 Issued 9/78 Revised (*) 2/79

Car and Body Dimensions See Key Sheets for definitions

U. S. Customary Units Only

Body Type

	2-Door Hatchback Coupes	2-Door Notchback Coupe	2-Door Station Wagon
Vehicle Fiducial Marks	1HM07 1HR07	1HM27	1HM15

Fiducial Mark Number*	Define Coordinate Location		
Front	X	Fiducial Mark to Vertical Base Grid Line - Front, Measured Horizontally From 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 the Fiducial Mark Located On top of the Front Seat Adjuster Mounting Bolt.	
	Z	Fiducial Mark to Horizontal Base Grid Line-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 Rear Fiducial Mark Located On the 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 the Rear Underbody Crossbar.	
● Front	W21	Y	19.86
	L54	X	29.40
	H81	Z	4.12
	H161		10.32
	H163		9.07
● Rear	W22	Y	12.00
	L55	X	122.00
	H82	Z	10.32
	H162		17.12
	H164		15.14

*Reference — SAE Recommended Practice, J182a, A Motor Vehicle Fiducial Marks — September, 1973.

MVMA Specifications Form Passenger Car

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

U. S. CUSTOMARY UNITS ONLY

Car and Body Dimensions See Key Sheets for definitions

Body Type

SAE Ref. No.	2-Door Hatchback Coupes
--------------------	----------------------------

Glass

1HM07

1HR07

Backlight slope angle	H121	
Windshield slope angle	H122	60.0°
Tumble-Home	W122	24.5°
Windshield glass exposed surface area—cm ² (in. ²)	S1	1229.9
Side glass exposed surface area—cm ² (in. ²)	S2	1561.5
Backlight glass exposed surface area—cm ² (in. ²)	S3	1361.9
Total glass exposed surface area—cm ² (in. ²)	S4	4153.3
Windshield glass type		Curved, Laminated Plate
Side glass type		Curved, Tempered Plate
Backlight glass type		Curved, Tempered Plate

Lamps and Headlamp Shape*

Height above ground to center of bulb or marker	Headlamp (H125)	Highest**	24.8	26.7
		Lowest	- - -	26.6
	Tail (H126)	Highest	26.1	
		Lowest	- - -	
	Sidemarker	Front	19.1	
		Rear	25.7	
Distance from C/L of car to center of bulb	Headlamp	Inside	17.2	
		Outside**	- - -	24.6
	Tail	Inside	- - -	
		Outside	18.5	
	Directional	Front	19.9	
		Rear	18.5	
Headlamp Shape		Round	Rectangular	

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

MVMA Specifications Form

Passenger Car

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

U. S. Customary Units Only.

Car and Body Dimensions See Key Sheets for definitions

		Body Type	
		2- Door Notchback Coupes	2-Door Station Wgn
Glass		1HM27	1HM15
Backlight slope angle	H121		
Windshield slope angle	H122	60.0°	55.0°
Tumble-Home	W122	24.5°	25.3°
Windshield glass exposed surface area—cm ² (in. ²)	S1	1229.9	1116.2
Side glass exposed surface area—cm ² (in. ²)	S2	1455.0 Base	1285.5 Formal
Backlight glass exposed surface area—cm ² (in. ²)	S3	800.6	662.5
Total glass exposed surface area—cm ² (in. ²)	S4	3485.5 Base	3316.0 Formal
Windshield glass type		Curved, Laminated Plate	
Side glass type		Curved, Tempered Plate	
Backlight glass type		Curved, Tempered Plate	

Lamps and Headlamp Shape*

Height above ground to center of bulb or marker	Headlamp (H125)	Highest**	24.8	
		Lowest	- - -	
	Tail (H126)	Highest	24.5	25.0
		Lowest	- - -	- - -
	Sidemarker	Front	19.1	
		Rear	18.1	22.1
Distance from C/L of car to center of bulb	Headlamp	Inside	17.2	- - -
		Outside**	- - -	25.5
	Tail	Inside	- - -	- - -
		Outside	18.5	23.3
	Directional	Front	19.9	17.9
		Rear	18.5	23.3
Headlamp Shape		Round		

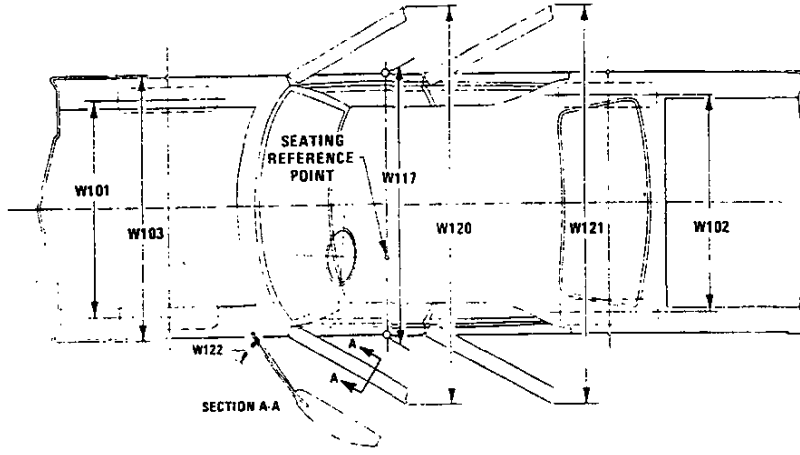
* Measured at curb mass (weight).

**if single headlamps are used enter here

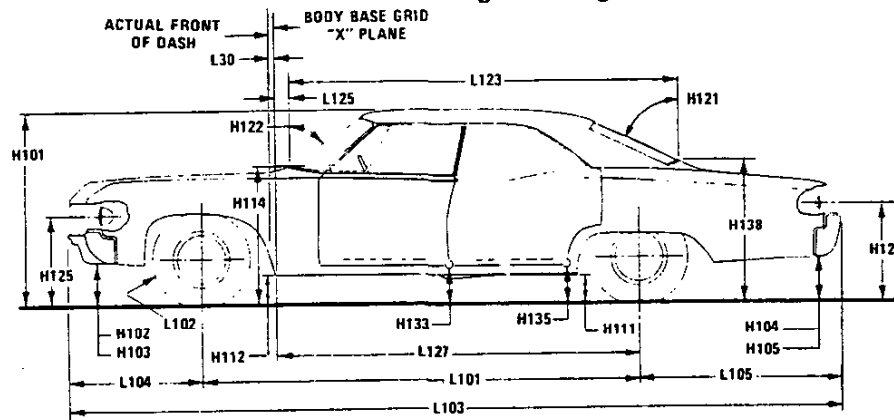
MVMA Specifications Form Passenger Car

Exterior Car And Body Dimensions — Key Sheet

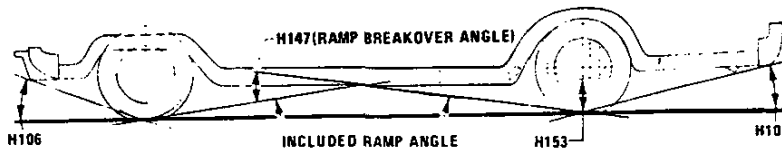
Exterior Width



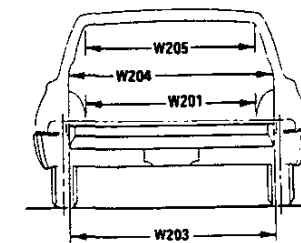
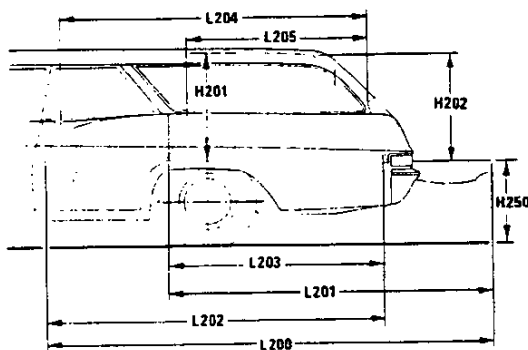
Exterior Length & Height



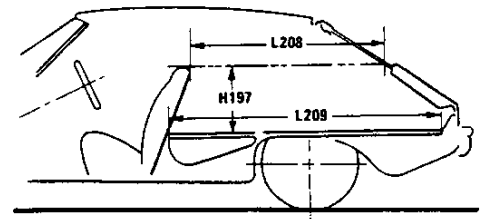
Exterior Ground Clearance



Cargo Space



Station Wagon

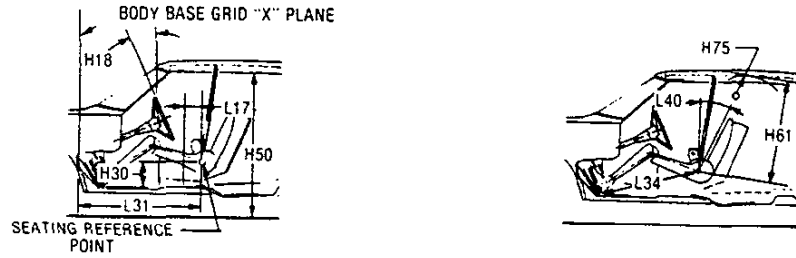


Hatchback

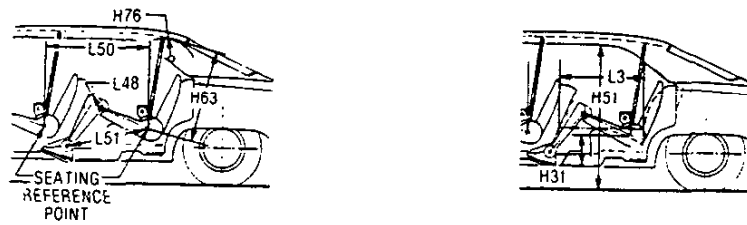
MVMA Specifications Form Passenger Car

Interior Car And Body Dimensions – Key Sheet

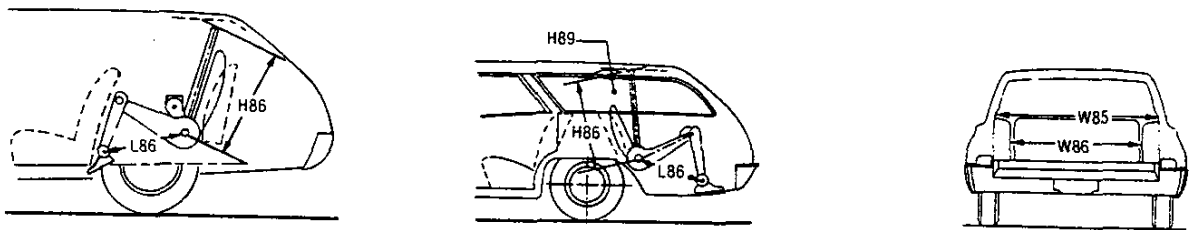
Front Compartment



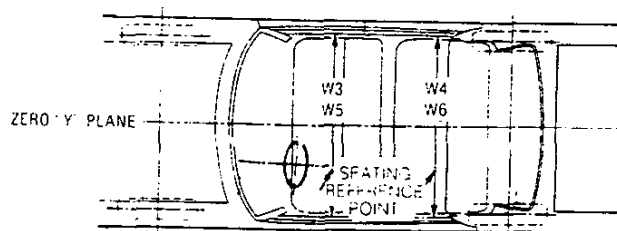
Rear Compartment



Third Seat



Interior Width



MVMA Specifications Form

Passenger Car

Exterior Car And Body Dimensions — Key Sheet

Dimension 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 designed 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 is 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 18.0 in. (457 mm) long, drawn from the lower DLO to the intersecting point on the windshield.
- H125 HEADLAMP TO GROUND. The dimension measured vertically from the centerline of the lowest headlamp lens to ground.
- H126 TAILLAMP TO GROUND. 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

Interior Car And Body Dimensions — Key Sheet

Dimension Definitions

- H103 FRONT BUMPER TO GROUND — CURB WEIGHT. 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 WEIGHT. 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 are 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 are 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 headline, plus 4.0 in. (102 mm).
- H75 EFFECTIVE T-POINT HEAD ROOM — FRONT. The minimum radius from the T-point to the headlining plus 30 in. (762 mm).
- L34 MAXIMUM EFFECTIVE LEG ROOM — ACCELERATOR. The dimension measured along a line from the ankle pivot center to the SgRP - front plus 10.0 in. (254 mm) 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 track 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 10.0 in. (254 mm) 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 1.0 in. (25 mm) below and 3.0 (76 mm) above the SgRP - front and 3.0 (76 mm) fore and aft of 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 Sgi to the headlining, plus 4.0 in. (102 mm).
- 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 10.0 in. (254 mm).
- 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 2.0 in. (51 mm).
- 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 10.0-16.0 in. (254-406 mm) 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 13.0 in. (330 mm) 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 10.0 in. (254 mm).
- 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 4.0 in. (102 mm).
- H89 EFFECTIVE T-POINT HEAD ROOM — THIRD. Measured in the same manner as H75.
- Station Wagon - Cargo Space Dimensions**
- L200 CARGO LENGTH — OPEN — FRONT. The minimum dimension measured longitudinally from the back of

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Interior Car And Body Dimensions — Key Sheet Dimension Definitions

- 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 to the rearmost point on 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 WEIGHT). 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 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:

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

$$\frac{\hspace{10em}}{1728} = \text{Ft.}^3$$
 Measured in mm:

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

$$\frac{\hspace{10em}}{10^9} = \text{m}^3 \text{ (cubic meter)}$$

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Passenger Car

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