2731CAMA-79

GENERAL

MODEL IDENTIFICATION

BODY	SERIES NAME	BODY STYLE	MODEL DESIGNATION	PASS OR SEATS
F–CAR	CAMARO	2-Dr. Sport Coupe	1FQ87	4
	CAMARO – BERLINETTA	2-Dr. Sport Coupe	1FS87	4

ONLY BASIC DESIGNATIONS SHOWN

VEHICLE IDENTIFICATION NUMBER

Vehicle Designation Interpretation

1 Q 87 G 9 N 500001

- Sequential No.
- Assembly Plant (*)
- Model Year 1979
- Engine Type (**)
- Body Style (last two digits of model Number)
- Car line and Series (***)
- Make (" 1" for Chevrolet)

*N – Norwood–GMAD L – Van Nuys–GMAD

**D – L6-250 (115 H.P.) L – V8-350 (170 H.P.)

G – V8-305 (130 H.P.)

***Q – Camaro

EXAMPLE: The twenty-fifth Chevrolet vehicle built at GMAD Norwood if it were a 1FQ87 model (Camaro Sport Coupe) with a V8-305 (130 H.P.) engine would bear VIN Number 1Q87G9N500025.

Location .... Stamped on plate attached to top left hand of instrument panel.

TRANSMISSION IDENTIFICATION

Example: S9E01

Type Designation	Source Designation	Model Year 1979	Production° Month & Date
SF	S (Muncie)	9	E01D*

SF	3-Speed	L-6 engine	S - Muncie
SR	4-Speed	V-8 engine	R - Muncie
6TP	3-Speed Auto.	L-6 engine	D - Parma
			Y - Toledo
6TA	3-Speed Auto.	V-8 engine	D - Parma
			Y - Toledo

Location:

3-Speed .... Stamped on right side of case, at adapter.

4-Speed .... Stamped on right side of case, at adapter.

3-Speed Automatic .... Stamped on right side transmission, above filler plug.

o-Month: E denotes May; (see below) 01 denotes 1st day Alpha Characters used in identifying the Calendar month

A - January	D - April	K - July	R - October
B - February	E - May	M - August	S - November
C - March	H - June	P - September	T - December

*-The letter "D" or "N" following the date numerals indicates day or night shift, on automatic only.

ENGINE IDENTIFICATION

Example: F1210DKA

Source Designation	Production* Month & Date	Type Designation
F (Flint)	1210	DKA

4.1L, 250 Cubic Inch 6-Cylinder (RPO L22)

DKA - Regular engine, 3-speed

DKB - Regular engine, 3-speed automatic

5.0L, 305 Cubic Inch 8-Cylinder (RPO LG3)

DTM - Optional engine, 4-speed, 2-bbl. carb.

DNH - Optional engine, 3-speed automatic

5.7L, 350 Cubic Inch 8-Cylinder (RPO LM1)

DRC - Optional engine, 4-speed, 4-bbl. carb.

DRH - Optional engine, 3-speed automatic

Location:

6-cylinder engine . . . Stamped on pad on right side of cylinder block to rear of distributor

8-cylinder engine .... Stamped on pad at front right side of cylinder block

*-Month: December, 12; 10th day of December, 10.

REAR AXLE IDENTIFICATION

2PJ – 2.41 Axle
2PH – 2.56 Axle
2PA – 2.73 Axle
2PC – 3.08 Axle
2PE – 3.42 Axle
2PF – 3.73 Axle

Location, Identification Number Bottom left or right of axle tube adjacent to carrier housing.

See Power Train Section for additional Information.

STANDARD EXTERIOR EQUIPMENT LIST

	STANDARD EQUIPMENT				
FRONT	Sport Coupe 1FQ87	Berlinetta 1FS87	Rally Sport RPO Z85	RPO Z28	Style Trim RPO Z21
Grille Emblem Crest – Center	X	X	X	X	
Front Emblem Decal – Z28 Offset to Left				X	
Nameplate – Offset to Left		X			
Upper and Lower Grille – Black			X	X	
Upper and Lower Grille – Bright		X			
Upper and Lower Grille – Argent	X				
Parking Lamp Clear Lens Amber Bulb	X				
Parking Lamp Bright Horizontal Bar on clear lens		X	X	X	
Parking Lamp Bezel – Bright	X	X	X		
Parking Lamp Bezel – Black				X	
Headlamp Bezel – Bright	X	X	X		
Headlamp Bezel – Black				X	
Front Bumper Cover – Body Color	X	X	X	X	
Bright Top and Side Windshield Reveal Molding	X	X	X		
Black Top and Side Windshield Reveal Molding				X	
Concealed Wipers – Black	X	X	X	X	
Hood Scoop and Decal				X	
Combination Front Air Dam and Front Wheel Opening Flares				X	
Bright Hood and Fender Upper Edge Molding					O
Rally Sport Paint Treatment on Forward Portion of Roof, Around Side Windows, Upper Door, Top of Fenders Hood and Front Bumper Cover Separated from Body Color with Tri-Color Striping			X		
Berlinetta Striping – Front Bumper, Hood Rear and Centerline Stripe, Wheel Opening and Lower Body Stripe, Mirrors, Door Belt, Sail Panel, Roof and a Pillar Stripe, Rear Backlite and Tulip Stripe, Rear Quarter Rear and Deck Lid Stripe, Dual Rear End and License Stripes		X			
Z28 Striping – Accent Striping around front air dam, lower front fender, rear spoiler, and around hood scoop				X	

EXTERIOR EQUIPMENT

	STANDARD EQUIPMENT				
SIDE	Sport Coupe 1FQ87	Berlinetta 1FS87	Rally Sport RPO Z85	RPO Z28	Style Trim RPO Z21
Front Side Marker Lamp – No Bezel	X				
Front Side Marker Lamp – Body Color Bezel		X	X	X	
Front Fender Name Plate "Camaro"	X	X			
Sailpanel Nameplate "Berlinetta"		X			
Decal – Front Fender "Rally Sport" and Camaro			X		
Decal – Front Door and Fender "Z28" Decal and Stripe				X	
L.H. Rectangular Chrome Mirror	X				
L.H. Remote and R.H. Manual Sport Mirrors		X	X	X	
Bright Door Handles	X	X	X	X	
Body Colored Insert on Door Handles		X		X	O
Bright Spear Rocker Molding	X				
Black Painted Rocker		X	X	X	
Bright Lower Window Sealing Strip Bead	X	X	X	X	
Bright Body Lock Pillar Vertical Seal Retainer	X	X	X	X	
Bright Roof Drip Moldings		X			O
Bright Door Belt Reveal Molding		X			O
Bright Body Lock Pillar Vertical Molding		X			O
Hub Cap	X				
Rally Wheel and Trim Rings (ZJ7)			X		
Body, Color PEI Wheel, Trim Ring and Hub Cap		X			
Front Fender Louvers				X	
Body Colored 15 X7 Sport Wheel and Hub Cap				X	
Tire FR78-14 Steel Belted Radial – Blackwall	X		X		
Tire P225/70R-15 White Lettered Radials				X	
Tire FR78-14 St. Belted Radial White Stripe		X			
REAR					
Taillamps with Black Applique on Inboard Ends	X		X	X	
Taillamps with Applied Molding to Lens Applique on Inboard Ends		X			
Black Fuel Filler Door	X		X	X	
Argent Fuel Filler Door		X			
Fuel Filler Door Emblem – Crest	X	X	X	X	
Rear Air Spoiler			X	X	
Decal – Z28 on Air Spoiler				X	
Decal – Rally Sport on Air Spoiler			X		
Deck Lid Emblem Berlinetta		X			
Black Rear Window Reveal Moldings				X	
Bright Rear Window Reveal Moldings	X	X	X		
Body Colored Urethane Rear Bumper Cover	X	X	X	X	

INTERIOR EQUIPMENT

	Standard (1FQ87 Model)	Berlinetta (1FS87 Model)
ROOF AND PILLARS		
Headlining Vinyl Coated–perforated, Vinyl on Folded Foam Construction, One-Piece (F)	X	
Headlining 6 mm Alpine Foam on Folded Foam Construction One-Piece (F)		X
Trim Color Windshield Header, Pillar, Roof Side Rails, and Rear Window Moldings (F)	X	X
Black 10-Inch Prismatic Rear View Mirror with Black Padded Edge (C)	X	X
Black Rear View Mirror Support, Windshield Mounted (F)	X	X
Padded Sunshades (F)	X	X
Trim Color Plastic Coat Hooks (F)	X	X
Center Dome Lamp with Bright Bezel (F)	X	X
Door Jamb Dome Lamp Switches (F)	X	X
SEATS AND FLOOR COVERING		
Full Foam Bucket Front Seats with Integral Head Restraints and Shoulder Belt Guides (F)	X	
Specific Front Bucket Seats with Deeply Contoured Backs		X
Deluxe Seat Trim (F)	O	X
Rear Seat–Dual Cushions with Single, Full-width Backrest – Full Foam Construction (F)	X	X
Black Front Seat Adjuster Handle (F)	X	X
Black Front Seat Back Latch (F)	X	X
Passenger Compartment Floor Covering-Carpet (F & C)	X	X
Luggage Compartment Black on Black Paint (F)	X	X
Luggage Compartment Telaro on Foam Mat (F)	X	X
Single Loop Seat and Shoulder Belt System with Locking Retractors – Black Color – Coordinated (RPO) (F)	X	X
Rear Seat Lap Belts with Locking Retractors for Each Occupant – Black Color – Coordinated (RPO) (F)	X	X
Trim Color Seat Back Hinge Arm Cover (F)	X	X
DOOR AND QUARTER PANEL		
Soft Trim Door Panel Incorporating Built-in Armrest with Integral Pull Handle	X	
Soft Trim Door Panel Incorporating Built-in Armrest with Integral Pull Handle. Carpeted Lower Panel Area	O	X
Built-in Rear Quarter Panel Armrest (F)	X	X
Clear Plastic Window Control Handle Knobs (F)	X	X
Bright Door Lock Buttons (F)	X	X
Vinyl and Plastic Quarter Trim (F)	X	X
Recessed Chrome Finish Door Handle (F)	X	X
Color-Coordinated Plastic Inside Door Handle Cup (F)	X	X
MISCELLANEOUS		
Additional Body Insulation (F)		O
Full Molded Hood Insulation (F)		O
Cowl to Fender Seal (C)		O
Black Transmission Shift Lever Knob with Insert White Shift Pattern	X	X
Floor-mounted Transmission Shift Lever (C)	X	X

NOTES: "O" Indicates deviation from standard equipment, but included with specific model or optional package.

* Requires RPO AK1 Deluxe Seat Belts and Shoulder Harness; not available with black interior.
"M" Indicates modified by addition of bright edges around door pull cup insert.

INTERIOR EQUIPMENT

INSTRUMENT PANEL AND STEERING WHEEL	Standard (1FQ87 Model)	Berlinetta (1FS87 Model)
Trim Color Instrument Panel Pad (C)	X	X
Black Crackle Instrument Cluster Bezel (C)	X	
Simulated Brushed Stainless Instrument Cluster Bezel		O
Lower Instrument Panel, Ash Tray Face Plate and Glove Box Door, Color-Coordinated (C)	X	X
Glove Compartment Door Lock (C)	X	X
"Camaro" Glove Compartment Nameplate (C)	X	X
T-Handle Parking Brake Release (C)	X	X
Instrument Panel Ventilation Outlets (F)	X	X
Windshield Wiper and Washer Switch Nomenclature–Illuminated (Slide-Type, Depress to Wash) MVSS No. 101	X	X
Lighting Control Knob – Bright-Black (C)	X	X
Radio Control Knobs (C)	O*	O*
Speedometer, Odometer and Fuel Gauge (C)	X	X
Temperature, Generator, Oil Pressure and Brake Warning Tell-Tail Lights (C)	X	
"Fasten Seat Belt" Lamp in Cluster Bezel	X	X
Hi-Beam and Turn Signal Indicators (C)	X	X
Glove Compartment Lamp (C)		O
Clock Hole Cover (C)	X	
Radio Hole Cover (C)	X	X
Ash Tray (C)	X	X
Cigarette Lighter Knob – Bright-Black	X	X
Blended Air Heater with Illuminated Control Plate (C)	X	X
Color-Coordinated Steering Column (C)	X	X
Color-Coordinated, Four Spoke Sport Vinyl Steering Wheel with Crest in Center (C)	X	
Color-Coordinated Four Spoke Vinyl Steering Wheel with Specific Insert (C)		X
Steering Column Ignition Switch with Integral Steering Wheel and Transmission Locks (C)	X	X
Hazard Flasher Knob – Black (C)	X	X
Color-Coordinated Turn Signal Knob (C)	X	X
One Low-Note Horn (C)	X	
Dual-Note Horns		X
Special Instrumentation Package (RPO U14)		O

NOTES: "O" indicates deviation from standard equipment, but included with specific model or optional package.

(*) Requires RPO U58,U63 or U69 Radio Equipment.
(F) Fisher item
(C) Chevrolet item

EQUIPMENT	RPO	ACC.
Adjustable Seat Back Equipment: Driver's Seat only	AN6	
Air Conditioning, Four-Season: (see page 13 for content)	C60	
Battery, heavy duty	UA1	
Belts, seat and shoulder: in addition to or replacing standard belts.		
Custom deluxe belts:		
4 Seat and 2 shoulder, Color-Keyed to interior, Not available with black interior.	AK1	
Shoulder belts – 2 rear: (Black only)		ACC
Console, floor (includes floor-mounted shift lever with automatic transmission)	D55	
Cruise-Master Speed Control (with automatic trans. only)	K30	ACC
Glass, Soft-Ray tinted: all windows	A01	
Horns, Dual (Standard on Berlinetta)	U05	
Instrumentation, Special: (Standard on Berlinetta and Z28)	U14	
Lighting, auxiliary:	TR9	
Courtesy lights, Instrument Panel		
Glove compartment light (Std. on Model 1FS87)		ACC
Luggage compartment light		ACC
Ash tray light		
Underhood light		ACC
Headlamp Reminder Buzzer		
Mirror, vanity visor		ACC
Mirror, vanity visor, lighted		ACC
Moldings, body side	B84	
Radiator, heavy duty: V8 only (Forced with L6 engine, when C60 Air Conditioning is selected)	V01	
Radio equipment: Radios, Pushbutton – Includes concealed w/s antenna		
AM Radio	U63	ACC
AM/FM Radio	U69	ACC
AM/FM Stereo Radio	U58	ACC
AM Radio and Stereo Tape Player	UM1	ACC
AM/FM Stereo Radio and Tape Player	UM2	ACC
Radio AM/FM Stereo with Cassette Player	UN3	
Radio AM/FM Monaural with Citizens Band Transceiver	UP5	
Radio AM/FM Stereo with Citizens Band Transceiver	UP6	
Radio AM/FM Stereo with Clock and Digital Display	UY8	
Speaker, rear seat	U80	ACC
Speakers, Rear (Dual)	U81	
Windshield antenna (When no radio is ordered) (included w/radio)	U76	
Antenna, Power	U75	
Roof cover, vinyl – Includes bright drip molding	CB7	
Spoilers, rear deck (included w/Z28 or Z85)	D80	
Steering wheel, Comfortilt:	N33	
Tire, stowaway spare (Includes refillable CO_2 Tire inflator bottle, Standard on Z28)	N65	
Wheel covers, full: (not available on 1FS87 or Z28)	P01	ACC
Wheels, rally (14 x 6 or 14 x 7) Std. on 1FS87 incl. w/Z85, N/A on Z28)	ZJ7	
Wheels, special styled urethane/steel 14 x 7	PE1	
Windshield Glass – Tinted (Fleet use only and Canadian)	A02	

FACTORY-INSTALLED REGULAR PRODUCTION TIRES

FR78-14 – steel belted radial ply, white letters	QBT	
FR78-14 – steel belted radial ply, white stripe (base on 1FS87)	QDW	
P225/70R-15 – steel belted radial ply, white letters (X28 only)	QGR	
E78-14B – bias belted, highway blackwall	QEG	
E78-14B – bias belted, white stripe	QEH	

EQUIPMENT	RPO	ACC.
FEATURE ITEMS		
Door edge guards	B93	ACC
Color-keyed floor mats – 2 Front, 2 Rear	B37	ACC
Electric clock (Incl. with U14) (Std. Berlinetta and Z28)	U35	
Rear window defogger (Electro-clear)	C49	
MODEL OPTIONS		
Exterior style trim option (see page 10 for content)	Z21	
Interior decor/quiet sound group (see page 10 for content)	Z54	
Rally sport package (see page 11 for content)	Z85	
Z28 package (see page 12 for content)	Z28	
POWER TEAMS		
Turbo-Fire 305 V8	LG3	
Turbo-Fire 350 V8	LM1	
4-Speed manual transmission – wide Ratio: Optional 350 V8 only	MM4	
3-Speed automatic transmission	MX1	
Axle, Positraction	G80	
Axle, High Altitude	G92	
POWER ASSISTS		
Brakes, power, (Forced with V8 engine, optional with L6 engine)	J50	
Windows, power (Requires D55 Floor console)	A31	
Door lock system, power	AU3	

Z21 STYLE TRIM OPTION

MODEL AVAILABILITY
CAMARO (1FQ87 & 1FS87)

EQUIPMENT (Used in addition to or in place of standard equipment)

EXTERIOR

- Specific Parking Lamp Bezels
- Bright Deluxe Belt Molding
- Bright Roof Drip Molding
- Bright Vertical Lock Pillar Molding
- Colored Insert on Door Handles
- Bright Hood & Fender Upper Edge Moldings

Z54 INTERIOR DECOR/QUIET SOUND GROUP

MODEL AVAILABILITY
CAMARO (1FQ87) (Included with Berlinetta Model)

EQUIPMENT (Used in addition to or in place of standard equipment)

INTERIOR

- Additional Instrument Cluster Lighting and Berlinetta Applique
- Glove Compartment Lamp
- Additional Hood and Body Acoustic Insulation, same as included with Berlinetta model.
- Bright Horizontal Bead Separating Upper and Lower Instrument Panel
- Applique on Instrument Cluster Carrier

Z85 RALLY SPORT PACKAGE

MODEL AVAILABILITY
CAMARO (1FQ87)

EQUIPMENT (used in addition to or in place of standard equipment)

EXTERIOR

Special Contrasting Paint Treatment
- on forward portion of roof (rear portion remains body color for "Landau" effect).
- around side windows and on upper portion of door.
- on top surface of front fenders.
- on hood, header panel, grille (black only).
- on dual sport mirrors (RPO D35 included in RPO Z85 package). (Black only.)
- on door lower, rocker panel and fender (black only).

Tri-color striping separating contrasting color from body color in appropriate areas of roof, side and front fenders, rear lamp area.
Bright Headlamp Bezels.
"Rally Sport" "Camaro" decals on deck lid and front fenders.

CHASSIS

Rally wheels (14 x 7, body color with base FR78-14 blackwall tires)

RPO Z28 MODEL OPTION

MODEL AVAILABILITY

Standard Camaro (1FQ87)

POWER TRAIN AVAILABILITY

Engine	Transmission	Rear Axle
V-8 350 Cu. In. 4-Bbl. (RPO LM1)	4-Speed transmission	3:73 axle
(With engine identification decal.)	(With specific shift knob.)	

EQUIPMENT (Used in addition to or in place of standard equipment)

BODY

EXTERIOR

Black painted grille, nameplate, tail lamp bezel, rear end panel, license plate opening, headlamp bezels, parking lamp bezels and openings, wheelhouse eyebrows, front and rear reveal moldings.

Specific hood, front fender, front and rear spoiler decals, wheelhouse and rocker panel accent stripes, Z28 decals and door handle tape inserts.

Bumpers, body colored.

Sport mirrors, body color (RPO D35).

Front air dam and rear spoiler, body color (RPO D80).

Hood scoop.

Louvers, front fenders.

Rocker panel area body color.

INTERIOR

Special instrumentation (RPO U14)

Special (larger rim section) steering wheel with Z28 hub insert.

CHASSIS

Sport suspension

Inland shifter

4-speed close ratio transmission

Power Brakes (RPO J50)

High-Performance dual exhaust

Wheels, body color 15 x 7 with specific hub cap units.

Tires, P225/70R-15 white letters.

Space Saver spare tire.

FOUR SEASON (RPO C60)

Heater integrated; manually controlled by two horizontal and one vertical lever. Four position vertical lever controls fan speed. Top lever controls mode of operation. Bottom lever controls air flow. Ignition switch controlled fan is always operating at low speed to prevent windshield fogging.

BASIC COMPONENTS

Evaporator, blower, condenser, receiver - dehydrator, refrigerant (freon) tank, air intake assembly and duct assembly for both systems.

EQUIPMENT (Used in addition to or in place of base equipment)

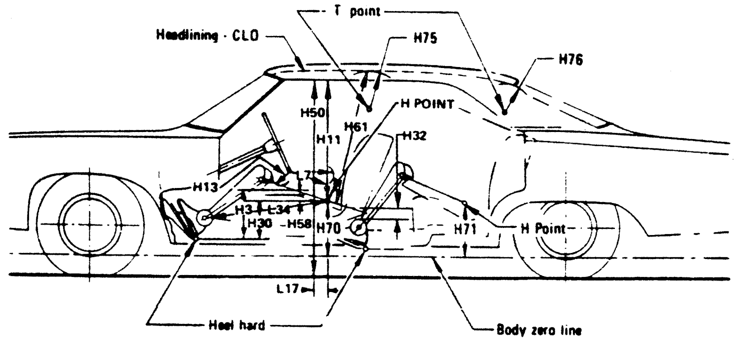
CHASSIS

Front and Rear Springs . . . . Heavy duty
Rear Axle Ratio - Refer Power Trains Section

POWER TRAINS

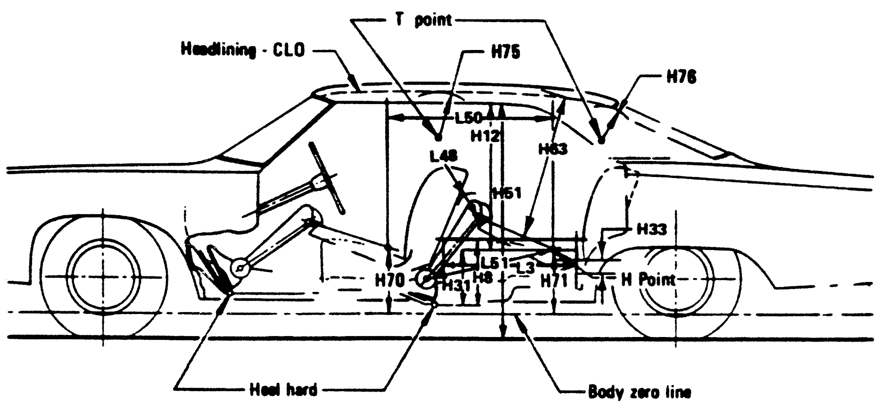
Fan Blade . . . . 7 blade
Fan Clutch . . . . Thermomodulated fluid coupling
Crankshaft Pulley . . . . Single three groove pulley
Water Pump & Fan Pulley . . . . Dual
Compressor & Crankshaft Belt . . . . One
Generator . . . . 55 Ampere
Radiator . . . . Heavy duty

DIMENSIONS AND WEIGHTS



FRONT COMPARTMENT

CODE	DESCRIPTION	2-DOOR SPORT COUPE
H3	Seat cushion height	8.8
H11	Entrance height	29.6
H13	Steering wheel thigh clearance	4.5
H30	SgRP to heel point (chair height)	6.1
H32	Seat cushion deflection	2.5
H50	Upper body opening to ground	45.7
H58	H point rise	0.9
H61	Effective headroom	37.2
H70	SgRP to body zero	10.9
H75	Effective 'T' point headroom	37.4
W3	Shoulder room	56.7
W5	Hip room	55.3
L7	Steering wheel torso clearance	14.9
L17	H point travel	5.0
L34	Effective leg room	43.9

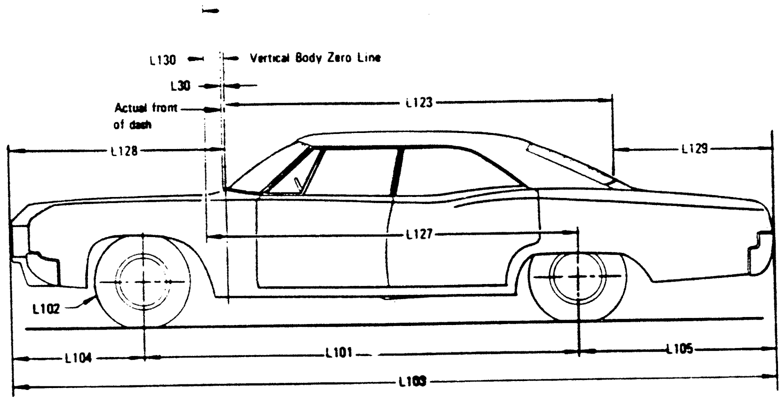


REAR COMPARTMENT

H8	Seat cushion height	10.0
H12	Entrance height	--
H31	SgRP to heel point (chair height)	8.4
H33	Seat cushion deflection	2.7
H51	Upper body opening to ground	--
H63	Effective headroom	36.0
H71	SgRP to body zero	9.9
H76	Effective "T" point headroom	35.9
W4	Shoulder room	54.4
W6	Hip room	46.3
L3	Rear compartment room	22.7
L48	Knee clearance	- 2.5
L50	SgRP couple distance	27.3
L51	Effective leg room	28.4

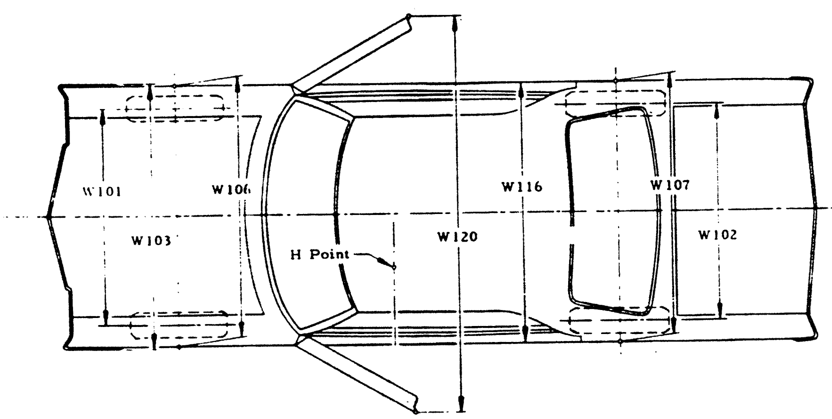
LUGGAGE COMPARTMENT

H195	Liftover height	27.2
V1	Usable luggage capacity (cu.ft.)	7.1



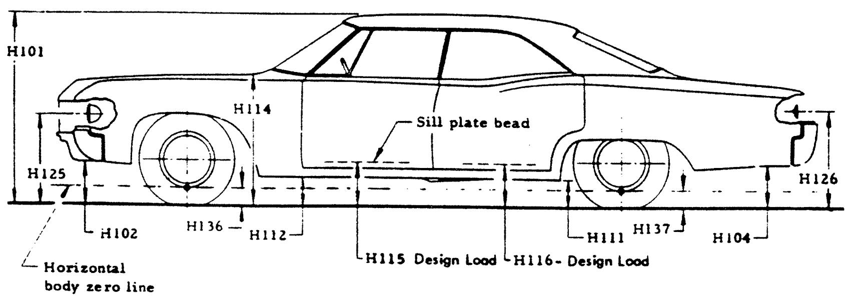
LENGTHS

CODE	DESCRIPTION	2-DOOR SPORT COUPE
L101	Wheelbase	108.0
L102	Tire size (standard)	FR78-14
L103	Overall length	197.6
L104	Overhang, front	43.8
L105	Overhang, rear	45.8
––	Overall length - less bumpers	187.8
L123	Body upper structure length at car centerline	94.2
L125	Body base grid plane to windshield cowl point	9.4
L126	Front end length at centerline	57.5
L127	Rear wheel centerline to body base grid line	86.7
L128	Front wheel centerline to body base grid line	- 21.3
L129	Rear end length at centerline	24.0
L30	Front of dash to body base grid	- 1.2



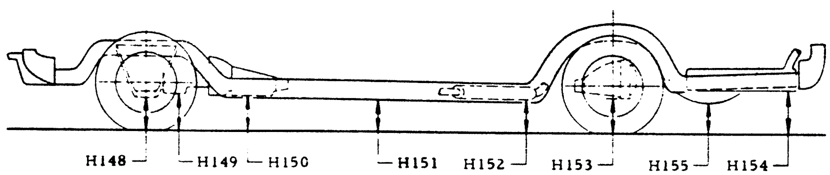
WIDTHS

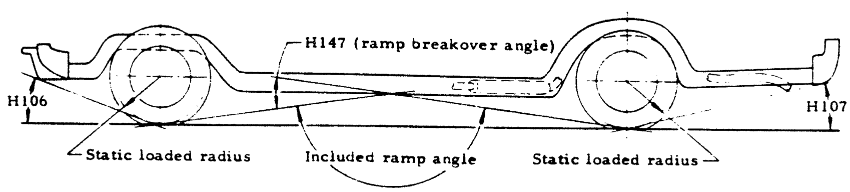
W101	Tread - front	61.3
W102	Tread - rear	60.0
W103	Maximum overall width of car	74.5
W106	Front fender overall width	73.4
W107	Rear fender overall width	74.4
W116	Maximum overall width of body	74.5
W117	Body width at SgRP - front	––
W120	Overall car width, front doors open	140.5
W121	Overall car width, rear doors open	––



HEIGHTS

CODE	DESCRIPTION	2-DOOR SPORT COUPE
H101	Overall height (design)	49.2
H102	Front bumper to ground	13.8
H104	Rear bumper to ground	11.0
H111	Rocker panel to ground - rear	5.8
H112	Rocker panel to ground - front	6.8
H114	Hood at rear to ground	35.3
H115	Step height - front (design)	16.4
H116	Step height - rear (design)	——
H125	Headlamp to ground	25.7
H126	Tail lamp to ground	23.1
H136	Body O line to ground - front	5.0
H137	Body O line to ground - rear	3.6





CLEARANCES

H106	Angle of approach (degrees)	25°15'
H107	Angle of departure (degrees)	12°18'
H147	Ramp breakover angle (degrees)	11°16'
H148	Front suspension to ground	5.1
H149	Oil pan to ground	5.2
H150	Flywheel housing to ground	5.7
H151	Frame to ground	4.9
H152	Exhaust system to ground	4.9
H153	Rear axle to ground	6.3
H154	Fuel tank to ground	7.4
H155	Tire well to ground	18.7
H156	Minimum ground clearance	4.9 (a)

(a) Catalytic converter

CAMARO

MODEL TYPE

MODEL DESIGNATION	BASE ENGINE	VEHICLE TYPE	SHIPPING WEIGHT			CURB WEIGHT		
			Front	Rear	Total	Front	Rear	Total
1FQ87	250 Cu.In. - L6	2-Door Sport Coupe	1900	1381	3281	1878	1514	3392
1FS87	250 Cu.In. - L6	2-Door Sport Coupe	1923	1426	3349	1900	1558	3458

SHIPPING WEIGHT: Weight of basic vehicle with regular equipment, including grease, oil and (3) gallons of gasoline, and engine coolant to capacity.

CURB WEIGHT: Shipping weight plus gasoline to capacity.

For total shipping, and curb, weights of vehicles equipped with the following options, add to, or deduct from, the base vehicle weight (lbs).

OPTIONAL EQUIPMENT

RPO	OPTION	WITH	WEIGHT
AU3	Electric Door Locks		+ 4
A31	Power Windows		+ 8
B37	Floor Mats, Front & Rear		+ 8
CB7	Exterior Padded Vinyl Roof		+ 1
C60	Air Conditioning	With 6 Cyl. Engine	+ 69
		With V8 Engine	+ 90
C49	Defogger, Rear Window Electric		+ 1
D55	Floor Console	With 3-Speed Transmission	+ 5
		With 4-Speed Transmission	+ 5
		With 3-Speed Automatic Trans.	+ 9
D80	Spoilers, Front and Rear		+ 9.5
F41	Sport Suspension		+ 11.5
J50	Power Brakes		+ 9
PE1	Custom Styled Wheels (urethane styled steel)	1FQ87	+ 25
		1FS87	+ 7
UM1	Radio AM with Stereo Tape		+ 11
UM2	Radio AM/FM with Stereo Tape		+ 11
UN3	Radio AM/FM Stereo with Cassette Player		+ 10
UP5	Radio AM/FM Monaural with Citizens Band Transceiver		+ 10
UP6	Radio AM/FM Stereo with Citizens Band Transceiver		+ 10
UY8	Radio AM/FM Stereo with Clock and Digital Display		+ 10
U58	Radio AM/FM Stereo		+ 10
U63	Radio AM Pushbutton		+ 6
U69	Radio AM/FM Pushbutton		+ 7
U80	Auxiliary Speaker		+ 4
UA1	Heavy Duty Battery	With L6 Engine	+ 15
		With V8 Engine	+ 10
ZJ7	Spec. Whl. Hub Cap & Trim Ring		+ 18
Z28	Special Performance Package		+ 48
Base	250 Cu.In. 6 Cyl. Engine	With 3-Speed Automatic Trans.	+ 18
LG3	305 Cu.In. V8 Engine	With 4-Speed Transmission	+136
		With 3-Speed Automatic Trans.	+148
LM1	350 Cu.In. V8 Engine	With 4-Speed Transmission	+140
		With 3-Speed Automatic Trans.	+152

BODY

EXTERIOR PAINT PROCESS

1. RUSTPROOFING. Assembled car bodies are chemically sprayed to clean and etch the metal surfaces for corrosion resistance and paint adhesion. Unassembled sheet metal parts follow the same process.

*2. BODY PRIMERS. Four corrosion resistant primers, specially formulated, are hand sprayed on the body in areas where rust might develop. Lower areas considered especially vulnerable are coated with another rust inhibiting compound.

*3. SHEET METAL PRIMER is applied to all outside and inside surfaces of front fenders and hoods. The parts are mechanically dipped or flow-coated to insure coating in all seams and secluded areas, and baked at 390 degrees F, for 30 minutes. A coat of sealer is then applied by hand spray to all surfaces requiring lacquer.

4. FLASH PRIMER AND PRIMER-SURFACER COATS. An air-dry flash primer coat is hand sprayed on surfaces below the body belt line. Then a gray primer-surfacer coat is hand sprayed on all outside surfaces of the body and oven baked for 45 minutes at 285 degrees F.

5. INITIAL SANDING. Power wet sanding, followed by hand sanding, is done on all body surfaces requiring lacquering. This insures a smooth surface for the lacquer finish. To remove the water, the body is wiped and run through an infra-red oven.

6. LACQUERING. Three coats of acrylic lacquer are applied on the exterior surfaces of the body and sheet metal parts to build up a finish of the required thickness for each color.

7. INITIAL BAKING. To harden the paint for two tones, the body and sheet metal parts are baked for approximately 10 minutes at 200 degrees F.

8. FINAL BAKING. To assure a durable, hard, high luster finish the lacquer is baked for 30 minutes at 325 degrees F. Reheating the lacquer permits paint film to soften, allowing surface blemishes to disappear during the thermo-reflow process.

9. UNDEROCATING. To block out road noise, an asbestos fiber sound deadener with asphalt base is sprayed inside the wheel housings and on the bottom of the underbody at designated areas.

10. PAINT REPAIR AND PROTECTION. Mars, nicks, or scratches that occur during final assembly are corrected at the factory before shipment. When required, light "slush" polishing brings painted surfaces to a high luster finish. Wax is applied to all horizontal surfaces of each vehicle and polished out for protection during shipment. The wax contains no silicones, thus eliminating any paint contamination problem.

EXTERIOR COLOR – VINYL ROOF COMBINATIONS

VINYL TOP COVER	EXTERIOR COLOR AVAILABILITY	
Silver Metallic	Silver (Met.)	15
	Black	19
	Bright Blue (Met.)	24
	Dark Blue (Met.)	29
	Carmine (Met.)	77
Black	All available colors except	69
White	All available colors	
Light Blue Metallic	White	11
	Black	19
	Light Blue (Met.)	22
	Dark Blue (Met.)	29
Medium Beige	White	11
	Black	19
	Medium Beige	61
	Camel (Met.)	63
	Brown Dark (Met.)	69
Carmine, Dark (Met.)	Carmine (Met.)	77
Light Green Metallic	Pastel Green	40
	Medium Green (Met,)	44

1979 CHEVROLET CAMARO 'F' INTERIOR COLOR COMBINATIONS

MODEL	Seat Type	INTERIOR COLORS										
		Black		Light Blue		Willow Green		Camel Tan		Carmine		Oyster
		Vinyl	Cloth	Vinyl	Cloth	Vinyl	Cloth	Vinyl	Cloth	Vinyl	Cloth	Cloth
Standard Interior – 1FQ87	(A51) Bucket	19R	19B	24R	24B	44R		62R	62B	74R	74B	
Deluxe Interior – Base on 1FS87 Berlinetta RPO B18 on 1FQ87	(A51) Bucket	19N	19C	24N	24C		44C	62N	62C	74N	74C	12C

CLOTH AND VINYL USAGE

B – Belaya, 907 WC, plaid cloth; Cloud bolster
R – Oxen vinyl; Oxen bolster
N – Rattan vinyl
C – Bedford, 915 WC, knit corduroy

1979 CAMARO (1FQ87) RPO Z28

EXTERIOR COLOR		INTERIOR TRIM					
		Black	Light Blue	Willow Green	Camel Tan	Carmine	Oyster
		STRIPE PACKAGE COLOR SCHEME					
White	11	Gold	Blue	Green	Gold	Red	Red
Silver Met.	15	Red	–	–	–	Red	Red
Black	19	Gold	Blue	Green	Gold	Red	Red
Lt. Blue Met.	22	Blue	Blue	–	–	–	–
Brt. Blue Met.	24	Blue	Blue	–	Blue	–	Blue
Dk. Blue Met.	29	Blue	Blue	–	Gold	–	Blue
Pastel Green	40	Green	–	Green	–	–	–
Med. Green Met.	44	Green	–	Green	–	–	–
Brt. Yellow	51	Yellow	–	–	Yellow	–	Yellow
Med. Beige	61	Gold	–	–	Gold	Red	–
Camel Met.	63	Gold	–	–	Gold	–	Gold
Dk. Brown Met.	69	Gold	–	–	Gold	–	Gold
Red	75	Red	–	–	Gold	Red	Red
Carmine Met.	77	Red	–	–	Gold	Gold	Gold

NOTES: 1. These are the only combinations available – NO COLOR OVERRIDES ARE ALLOWED!

2. Z28 base wheel color matches exterior body color.

COLOR SCHEME RPO IDENTIFICATIONS

BLUE 25A

Dk. Blue	WMH 8205
Med. Blue	WMH 8204

YELLOW 52A

Orange-1	WMH 5108
Orange/Yellow	WMH 7081

RED 73A

Red	WMH 4408
Orange-3	WMH 8206

GREEN 41A

Med. Green	WMH 8203
Green	WMH 8202

GOLD 53A

Dk. Gold	WMH 8168
Gold	WMH 7083

15" CAST WHEEL (RPO N90)
(if ordered)

COLOR SCHEME	WHEEL COLOR
Gold	55P Gold
Blue	14P Silver* *Except use Black w/Black exterior
Green	14P Silver* *Except use Black w/Black exterior
Yellow	19P Black* *Except use Gold w/Camel interior
Red	55P Gold* *Except use Black w/Black exterior and use Silver with Silver exterior

1979 CAMARO (1FQ87)
RALLY SPORT RPO Z85

EXTERIOR COLORS		INTERIOR TRIM					
		Black	Lt. Blue	Willow Green	Camel Tan	Carmine	Oyster
BODY	ACCENT	TRI-COLOR STRIPE PKG.					
11 White	19 Black	Red	Blue	Green	Gold	Red	Red
15 Silver Met.	19 Black	Red	–	–	–	Red	Red
22 Lt. Blue Met.	29 Dk. Blue Met.	Blue	Blue	–	–	–	Blue
51 Bright Yellow	19 Black	Yellow	–	–	Yellow	–	Yellow
61 Med. Beige	63 Camel Met.	Gold	–	–	Gold	Gold	–
75 Red	19 Black	Red	–	–	Red	Red	Red

NOTE: These are the only combinations available – NO COLOR OVERRIDES ARE ALLOWED!

STRIPE PKG. RPO IDENTIFICATION

Blue	27A	Gold	54A
Green	43A	Red	76A
Yellow	50A		

14" CAST WHEEL RPO N90 (If Ordered)	
	19P Black
	14P Silver
	14P Silver
	19P Black
	55PGold
	55PGold

1979 CAMARO
RPO N90 ALUMINUM WHEEL COLOR COMBINATIONS

EXTERIOR COLOR		14" WHEEL		(Color to Match)
White	11	19P	Black	(WA 848)
Silver Met.	15	14P	Textured Bright Silver	(WA 8150)
Black	19	19P	Black	(WA 848)
Lt. Blue Met.	22	14P	Textured Bright Silver	(WA 8150)
Brt. Blue Met.	24	14P	Textured Bright Silver	(WA 8150)
Dk. Blue Met.	29	14P	Textured Bright Silver	(WA 8150)
Pastel Green	40	14P	Textured Bright Silver	(WA 8150)
Med. Green Met.	44	14P	Textured Bright Silver	(WA 8150)
Brt. Yellow	51	19P	Black	(WA 848)
Med. Beige	61	55P	Gold	(WA 7083)
Camel Met.	63	55P	Gold	(WA 7083)
Dk. Brown Met.	69	55P	Gold	(WA 7083)
Red	75	55P	Gold	(WA 7083)
Carmine Met.	77	55P	Gold	(WA 7083)

FOR COLOR USAGE SEE RPO Z28	15" WHEEL		(Color to Match)
	14P	Textured Bright Silver	(WA 8150)
	19P	Black	(WA 848)
	55P	Gold	(WA 7083)

1979 CAMARO BERLINETTA (1FS87)
EXTERIOR, INTERIOR, STRIPE & WHEEL COLOR COMBINATIONS

EXTERIOR COLOR		INTERIOR TRIM						Polycast Wheel Colors	14" Cast Wheel RPO N90 (If Ordered)
		Black	Light Blue	Willow Green	Camel Tan	Carmine	Oyster w/Gray		
		DECOR PACKAGE COLORS							
White	11	Black	Blue Met.	Green	Gold	Red	Silver	11P White	19P Black
Silver Met.	15	Black	–	–	–	Red	Red	19P Black	14P Silver
Black	19	Silver	Blue Met.	–	Gold	Red	Silver	19P Black*	19P Black*
Lt. Blue Met.	22	Silver	Silver	–	–	–	Silver	19P Black	14P Silver
Brt. Blue Met.	24	Silver	Silver	–	–	–	Silver	24P Brt. Blue Met.	14P Silver
Dk. Blue Met.	29	Blue Met.	Blue Met.	–	Gold	–	Blue Met.	29P Dk. Blue Met.*	14P Silver*
Pastel Green	40	Green	–	Green	–	–	–	44P Med. Green Met.	14P Silver
Med. Green Met.	44	Green	–	Green	–	–	–	44P Med. Green Met.	14P Silver
Brt. Yellow	51	Black	–	–	Black	–	Black	19P Black	19P Black
Med. Beige	61	Gold-	–	–	Gold	Gold	–	53P Gold Met.	55P Gold
Camel Met.	63	Gold	–	–	Gold	–	–	53P Gold Met.	55P Gold
Dk. Brown Met.	69	Gold	–	–	Gold	–	Gold	53P Gold Met.	55P Gold
Red	75	Gold	–	–	Gold	Gold	Gold	53P Gold Met.	55P Gold
Carmine Met.	77	Gold	–	–	Gold	Gold	Gold	77P Carmine Met.	55P Gold

* Except – With Gold Stripes Use Gold Wheels

NOTE: These are the only combinations available – NO COLOR OVERRIDES ARE ALLOWED!

DECOR PACKAGE RPO IDENTIFICATION

13A Silver	WMH 4575	41A Green	WMH 8202
19A Black	WMH 848	53A Gold	WMH 7083
25A Blue Met.	WMH 7124	73A Red	WMH 7039

GENERAL

Type . . . . Unitized body with bolt on partial front frame and bolt-on front end sheet metal, with protective inner fender skirts. Full roof inner panel with integral side rails and front and rear headers. Roof is of double-panel construction.

DOORS AND LOCKS

Door construction . . . . Double panel, hinged at front

Door handles . . . . Lift flap with fork type locks, and 2-position free-wheeling inside door handles. Inside door lock buttons. Flush type external and internal.

HOOD AND TRUNK LID

Type . . . . Counterbalanced, with short goose neck type hinges actuating torsion rods on trunk lid and spring loaded toggle-type hinges on rear of hood. Front and rear lids are of double-panel construction.

Hood release . . . . External

VENTILATION

High level air intake for passenger compartment . With double wall plenum chamber providing washing and air drying of rocker panels for corrosion resistance. Air and water travel through rocker panels and drain at ends of rocker inner panels. Astro ventilation with instrument panel outlets and full door side glass.

SEATS

Type . . . . Bucket seats front, rear seats have bucket seat styling with individual seat cushions and one-piece backrest

Construction

All seat cushions and backrests . . Formed polyfoam

WINDSHIELD WIPERS

Type . . . . Dual, 2-speed electric; concealed park position with black chromed arms and blades; 18-inch blades and articulated left blade.

Linkage . . . . Parallel acting

HEADLIGHTS

Type . . . . Single Powerbeam headlamps

SPARE TIRE AND TOOLS

Location . . . . Right side of trunk on floor. Tools consist of bumper jack and socket end type "L" wrench stored beneath tire.

BODY GLASS VISIBILITY AREA

Windshield	1137.6
Door windows (LH and RH)	1139.8
Back window	1212.7
Total area (sq.in.)	3490.1

Windshield laminated safety plate glass; door and rear window solid safety plate glass.

CHASSIS

FRAME

Description ..... Combination body-frame integral with separate portion frame.

FRONT SUSPENSION

Description .... Independent, SLA type with coil springs, center mounted shock absorbers and spherical steering knuckle pivots.

Wheel travel (design)

- Total 6.91
- Jounce 3.15
- Rebound 3.76

Wheel to spring travel ratio 2.04:1

CONTROL ARMS

Description .... Reinforced steel stamping with pre-loaded, steel encased, rubber bushings at pivots.

STEERING KNUCKLES

Description .... Nodular iron with integral brake cylinder mounting pad and detachable steering knuckle arm.

Spindle diameters

- Inner bearing 1.2493-1.2498
- Outer bearing .... .8437-.8445

Spindle thread size .... 3/4-20 UNEF-3A (modified)

Wheel bearings

- Type .... Taper roller; inner and outer

SPHERICAL JOINTS

Type .... Ball stud

- Upper .... Compression
- Lower .... Tension

Bearing surfaces

- Upper ..... Teflon-cotton composite on phenolic
- Lower .... Sintered iron

SHOCK ABSORBERS

Type .... Direct, double acting, hydraulic

Piston diameter 1.00

FRONT STABILIZER BAR

Type .... Link

Material .... HR steel

Diameter, standard .... .938

- RPO F41 .... 1.00
- RPO Z28 .... 1.125

FRONT WHEEL ALIGNMENT (CURB)

Camber (degrees) .... P1 ± 3/4

Caster (degrees) .... 1 ± 1

Toe In (total) .... 1/16 ± 1/8

Steering axis inclination .... 10.35 @ 1° camber

GENERAL SUSPENSION PROVISIONS

Car leveling .... Front stabilizer bar

Anti-dive control .. Angle of front upper control arm

Anti-squat control ...... Rear suspension geometry

FRONT SPRINGS

Selected from a family of coil springs by Electronic Data Processing which identifies the correct springs for the weight of the vehicle including optional equipment ordered by the customer.

FRONT SPRING SPECIFICATIONS

Model Application	Part Number	Assy. Code	Cut-Off Length	Wire Dia.	Total Coils	Deflection Rate (lbs./inch)	Heights	
							Free	Working (IN. @ Lbs.)
All exc. RPO Z28	3996362	AK	116.14	.617	7.70	300	16.86	11.0 @ 1740
	3996363	AM	126.79	.633	8.40	300	17.06	11.0 @ 1800
	3996364	AR	126.82	.633	8.40	300	17.26	11.0 @ 1860
	3996365	AU	126.85	.633	8.40	300	17.46	11.0 @ 1920
	344536	AB	126.89	.633	8.40	300	17.66	11.0 @ 1980
	344537	MF	126.92	.633	8.40	300	17.86	11.0 @ 2040
	3998628	CR	139.20	.651	9.20	300	18.06	11.0 @ 2100
	3998629	CS	139.23	.651	9.20	300	18.26	11.0 @ 2160
	6272883	CU	139.26	.651	9.20	300	18.46	11.0 @ 2220
With RPO Z28	354488	EM	128.91	.668	8.49	365	15.82	11.0 @ 1750
	334446	KJ	128.94	.668	8.49	365	16.03	11.0 @ 1825
	334447	KT	128.96	.668	8.49	365	16.23	11.0 @ 1900
	334450	KU	132.09	.674	8.69	365	16.44	11.0 @ 1975
	334451	KV	133.68	.677	8.79	365	16.64	11.0 @ 2050
	334452	KW	135.26	.679	8.89	365	16.85	11.0 @ 2125

STEERING

Wheel
- Type . . . Oval, 4-spoke splayed
- Diameter . . . 15.0
- Optional . . . Tilt; universally jointed steering shaft at base of steering wheel

Column . . . Energy absorbing – mast jacket, shift tube and steering shaft designed to collapse under various front impact conditions.

Type - Power . . . Integral recirculating ball nut with hydraulic pressure provided from a vane type pump.
- Ratios, Gear – Base . . . 16.0:1 on center to 13.0:1
  - RPO Z28 . . . 14.0:1
- Ratios, Overall – Base . 15.03:1 on center to 10.61:1
  - RPO Z28 . . . 13.0:1
- Number of wheel turns, lock to lock
  - Base . . . 2.41
  - RPO Z28 . . . 2.61

Linkage . . . Parallelogram, front of wheels, (2) tie rods

Turning Diameters (ft.) outside front
- Wall to wall . . . 41.1
- Curb to curb . . . 38.5

Outside wheel angle with
- Inside wheel @ 20° . . . 19.1

DRIVELINE

- Type . . . Straight tube
- Number used . . . One
- Diameter (OD) . . . 2.75
- Wall thickness . . . 0.065
- Length (C/L of U-joints) . . . 48.55
  - RPO Z28 (4-spd. man.) . . . 48.00
- Universal Joints
  - Type . . . Cross
  - Number used . . . Two
  - Bearings . . . Prepacked, anti-friction

WHEELS

- Type . . . Short spoke spider, steel
- RPO Z28 . . . Styled steel; body color (Trans Am)
- Size
  - Standard model . . . 14 x 6
  - Optional . . . 14 x 6 Rally
  - Berlinetta . . . 14 x 7 Rally
  - Styled Turbine I . . . 14 x 7
  - RPO Z28 . . . 15 x 7
- Offset
  - 14 x 6 . . . 0.50
  - 14 x 7 . . . 0.34
  - 15 x 7 . . . 0.30
- Attachment to Hub
  - Type . . . 5 hex nuts
  - Thread size . . . 7/16-20 UNF 2-B
  - Bolt circle diameter . . . 4.75

TIRES, STANDARD EQUIPMENT

Except Z28
- Type . . . Steel belted radial
- Size . . . FR78-14B
- Sidewall
  - Base . . . Blackwall
  - Optional . . . White stripes & White letter
- Static loaded radius . . . 11.6
- Loaded rev/mi @ 45 mph . . . 797
- Capacity @ 24 psi . . . 1280

Z28
- Type . . . Steel belted radial
- Size . . . P225/70R-15
- Sidewall . . . White letter
- Static loaded radius . . . 12.2
- Loaded rev/mi @ 45 mph . . . 760
- Capacity @ 24 psi . . . 1380

TIRES, OPTIONAL EQUIPMENT

Except Z28
- Type . . . Bias belted
- Size . . . E78-14B
- Sidewall
  - Base . . . Blackwall
  - Optional . . . White stripe
- Static loaded radius . . . 12.0
- Loaded rev/mi @ mph . . . 796
- Capacity @ 24 psi . . . 1190

SPARE TIRE, STOWAWAY

- Base . . . RPO Z28
- Optional . . . Q87 & S87
- Wheel Size . . . 14 x 5

REAR AXLE
Description . . . . Three piece housing includes integral cast iron differential carrier and housing with two pressed-in and welded steel tubes. Semi-floating axle shafts. Differential carrier contains hypoid overhung pinion and ring gear. Drive pinion supported by two taper roller bearings.
Drive pinion vertical offset 1.75
Drive pinion bearing adjustment . . . . Shim
Hypoid gear PD . . . . (See Power Train Section page 2 for application)
All axles 8.50
Lubricant
Type . . . . GL-5 Gear Lubricant
Viscosity . . . . 80W or 80W-90
Capacity (pts) 4.25

AXLE SHAFT
Description . . . . Forged and hardened steel with integral drive flange
Wheel bearings . . . . Single row cylindrical roller
Oil seal . . . . Steel encased, spring loaded synthetic rubber

RING AND PINION GEARS

Axle Ratio	Tooth Combination
2.41:1	17,41
2.56:1	16,41
2.73:1	15,41
3.08:1	13,40
3.42:1	12,41
3.73:1	11,41

LIMITED SLIP DIFFERENTIAL
(See Power Train Section)
Type . . . . 2 pinion with single disc clutch

REAR SUSPENSION
Description . . . . . . Salisbury rear axle with multiple leaf springs.
Wheel travel (design)
Total . . . . Left 7.81; Right 8.09
Jounce 2.88
Rebound . . . . Left 4.93; Right 5.21
Wheel to spring, travel ratio 1:1

SHOCK ABSORBERS
Type . . . . Direct, double acting, hydraulic
Piston diameter 1.00
Mounting . . . . Staggered fore and aft of rear axle.

REAR SPRINGS
Type . . . . Multi-leaf; selected from a family of springs by Electronic Data Processing which identifies the correct spring for the weight of the vehicle including optional equipment ordered by the customer. See specifications below.

STABILIZER BAR, REAR
Application . . . . RPO Z28 & RPO F41
Material . . . . HR steel
Diameter
RPO F41 . . . . 0.5625
RPO Z28 . . . . 0.594

REAR SPRING SPECIFICATIONS

Model Application	Part Number	Assy. Code	Number of Leaves	Length	Width	Deflection Rate (lbs./in.)	Load @ .71 Spring Camber (lbs.)
All exc. RPO Z28	480878	PA	5	56.00	2.50	92	590
	480879	PB				95	645
	480880	PC				96	695
	480881	PK				97	765
	480882	PD				96	730
	493689	SZ				99	800
With RPO Z28	10007422	NLD	5	56.00	2.50	130	535
	10007421	NLC				130	595
	10007420	NLB				130	635
	480885	YP				130	695

General	Type		Front – Disc; Rear – Drum	
			Manual – Standard	Power – Optional (a)
	Sytem		Dual circuit hydraulic system with warning light and self-adjusting features - metering and proportioning valves provide balance between front and rear wheels.	
Front Brakes	Type		Disc – single piston floating caliper	
	Material		Cast iron – vented	
	Diameter and Width		11.0 x 1.03	
	Lining material		Compression molded asbestos composition	
	Method of attachment		Riveted	
	Lining size (length x width x thickness)	Inboard	5.40 x 1.92 x 0.46	
		Outboard	5.40 x 1.92 x 0.46	
	Lining area (sq. in.)		38.76	
	Effective area (sq. in.)		36.80	
	Swept area (sq. in.)		210.4	
	Piston diameter		2.94	
Rear Brakes	Type		Drum – Composite, web cast into rim, finned construction	
	Material		Web – HR steel, Rim – cast alloy iron	
	Diameter and Width		9.5 x 2.0	
	Lining material		Molded asbestos composition	
	Method of attachment		Riveted	
	Lining size (length x width x thickness)	Primary	7.30 x 2.00 x 0.23	
		Secondary	9.46 x 2.00 x 0.23	
	Lining area (sq. in.)		67.04	
	Effective area (sq. in.)		63.72	
	Swept area (sq. in.)		116.06	
	Piston diameter		.938	
Apply System	Master cylinder diameter		1.00	1.125
	Piston travel		1.253	1.408
	Pedal travel		7.38	5.44
	Pedal ratio		6.22:1	3.58:1
	Line pressure @ 100 lb. pedal load		550	900
Parking Brake	Type		Mechanical: pull rods and cables operate rear service brakes; parking brake 'ON' warning lamp provided.	
	Control		Pendulum foot pedal; released by "T" handle located on instrument panel to left of steering wheel	
	Total effective area		63.72	

(a) Standard with V-8 engine models.

BULBS AND LAMPS	NUMBER REQUIRED AND TRADE NUMBER	CANDLE POWER PER LAMP
Backing lamp	2-1156	32
Parking brake alarm indicator	1-194	2
Courtesy Instrument panel	2-631	6
Direction signal indicator	2-194	2
Dome - Center	1-561	12
Generator indicator	1-194	2
Glove compartment	1-1891 without A/C	2
	1-194 with A/C	2
Headlamp	2-6012	High beam 60W
		Low beam 50W
Headlamp hi-beam indicator	1-168	2
Heater or air conditioning control	1-194	2
Instrument cluster	6-194 (U14, Z54)	
Dash panel	4-194 (Std.)	2
License plate	2-168	3
Luggage compartment	1-1003	15
Oil pressure indicator	1-194	2
Parking Park	2-1157NA	2.2
Turn		24
Radio dial – U63	1-1893	2
– U69	1-1893	2
Radio dial and indicator	2-1893 (dial)	2
RPO U58	1-DS410 (indicator)	Led (a)
Radio dial and indicator	1-1893 (dial)	2
RPO UM1 and/or UM2	1-DS410 (ind.)	Led (a)
Seat belt warning indicator	1-168	2
Side Marker - Front	2-194	2
Side Marker - Rear	2-194	2
Tail Tail & Stop	2-1157	3
Directional signal		32
Temperature indicator	1-194	2
Underhood lamp	1-93	15
W/S washer & light switch indicator	1-194	2

(a) Light emitting diode.

CIRCUIT	TYPE OF PROTECTION	LOCATION AND CIRCUIT*
Air conditioning	30 amp fuse	In line
	20 amp fuse	Fuse panel (d)
Antenna, power	20 amp fuse	Fuse panel (c)
Back-up lamps	20 amp fuse	Fuse panel (d)
Brake warning lamp	10 amp fuse	Fuse panel (b)
Cigarette lighter	20 amp fuse	Fuse panel (c)
Clock	20 amp fuse	Fuse panel (c)
Courtesy lamps	20 amp fuse	Fuse panel (c)
Defogging unit	10 amp fuse	Fuse panel (b)
Direction signal indicator lamps	20 amp fuse	Fuse panel (d)
Dome lamp	20 amp fuse	Fuse panel (c)
Door unlock	25 amp fuse	Fuse panel (k)
Fuel gage	10 amp fuse	Fuse panel (b)
Generator indicator lamp	10 amp fuse	Fuse panel (b)
Glove compartment lamp	20 amp fuse	Fuse panel (c)
Headlamps	Circuit breaker	Light switch
Headlamp hi-beam indicator lamp	Circuit breaker	Light switch
Headlamp buzzer	10 amp fuse	Fuse panel (b)
Heater	20 amp fuse	Fuse panel (d)
Heater control lamp	3 amp fuse	Fuse panel (a)
Instrument cluster lamps	3 amp fuse	Fuse panel (a)
Key warning buzzer	20 amp fuse	Fuse panel (c)
License lamp	20 amp fuse	Fuse panel (h)
Luggage compartment lamp	20 amp fuse	Fuse panel (c)
Oil pressure indicator lamp	10 amp fuse	Fuse panel (b)
Parking lamps	20 amp fuse	Fuse panel (h)
Power doors	25 amp fuse	Fuse panel
Power windows	20 amp fuse	Fuse panel (d)
Pulse w/s wiper	10 amp fuse	Fuse panel (g)
Radio and radio lamp	10 amp fuse	Fuse panel
Radio dial	3 amp fuse	Fuse panel (a)
Seat belt warning lamp	10 amp fuse	Fuse panel (b)
Seat belt warning buzzer	10 amp fuse	Fuse panel (b)
Side Marker lamp - Front	20 amp fuse	Fuse panel (f)
Side Marker lamp - Rear	20 amp fuse	Fuse panel (f)
Tail lamps	20 amp fuse	Fuse panel (h)
Temperature gage	10 amp fuse	Fuse panel (b)
Temperature indicator lamp	10 amp fuse	Fuse panel (b)
Idle stop solenoid	10 amp fuse	Fuse panel (g)
Traffic hazard indicator	10 amp fuse	Fuse panel (g)
Speed cruise control	10 amp fuse	Fuse panel (b)
Stop and turn lamps	20 amp fuse	Fuse panel (f)
Underhood lamp	20 amp fuse	Fuse panel (c)
Windshield wiper, two-speed	25 amp fuse	Fuse panel (k)
Windshield wipers lamp	3 amp fuse	Fuse panel (a)

* Letter suffix indicates same circuit

POWER TRAINS

ENGINE	TRANSMISSION	MODEL APPLICATION	AXLE RATIOS * ALL STATES BASE	AXLE RATIOS * ALL STATES OPT.	AXLE RATIOS * WITH ALT. RPO NA6	RING GEAR	LW. CLASS
4.1 Litre L-6 (250 Cu. In.) – L22) Base – all states	3-Speed (3.50:1 low) (a)	All Models	2.56:1	–	–	8.50	1814
	3-Speed Automatic		2.73:1 (b)				
5.0 Litre V-8 (305 Cu. In.) – (LG3) Optional – all states	4-Speed (2.85:1 low) (a)	All Models	3.08:1	–	–	8.50	1814
	3-Speed Automatic		2.41:1				
5.7 Litre V-8 (350 Cu. In.) – (LM1) Optional – all states	4-Speed (2.85:1 low) (a)	All Models	3.08:1	–	–	8.50	1814
	3-Speed Automatic		2.41:1	3.08:1	3.08:1 (a)		
5.7 Litre V-8 (350 Cu.In.)–(LM1/Z28) Optional – all states	4-Speed (2.64:1 low) (a)	1FQ87	3.73:1	–	–	8.50	1814
	3-Speed Automatic		3.42:1	–	–		

* Limited slip axles available optionally in all axle ratios; same ratios available with Air Conditioning.

(a) Not available in California.

(b) California only.

MULTIPLICATION FACTORS

WITH MANUAL TRANSMISSIONS

ENGINE	CARBURETION	TRANSMISSION	TOTAL GEAR REDUCTION*					AXLE RATIO
			1st	2nd	3rd	4th	Rev	
4.1 Litre L-6 Standard	Single Barrel	3-Speed	8.96	4.84	2.56	–	9.27	2.56
5.0 Litre V-8 RPO LG3	2-Barrel	4-Speed	8.79	6.22	4.16	3.08	8.79	3.08
5.7 Litre V-8 RPO LM1	4-Barrel	4-Speed	8.79	6.22	4.16	3.08	8.79	3.08
5.7 Litre V-8 RPO LM1/Z28	4-Barrel	4-Speed	9.85	6.53	5.00	3.73	9.51	3.73

WITH AUTOMATIC TRANSMISSIONS

ENGINE	TRANSMISSION	SELECTOR POSITION	TOTAL TORQUE MULTIPLICATION*	AXLE RATIO
4.1 Litre L-6 Standard	3-Speed Automatic	Drive	12.90:1 - 2.56:1	2.56
		Second	12.90:1 - 3.89:1	
		Low	12.90:1 - 6.45:1	
		Reverse	9.88:1 - 4.94:1	
4.1 Litre L-6 Standard	3-Speed Automatic	Drive	13.76:1 - 2.73:1	2.73:1
		Second	13.76:1 - 4.15:1	
		Low	13.76:1 - 6.88:1	
		Reverse	10.54:1 - 5.30:1	
5.0 Litre V-8 RPO LG3	3-Speed Automatic	Drive	12.15:1 - 2.41:1	2.41:1
		Second	12.15:1 - 3.66:1	
		Low	12.15:1 - 6.07:1	
		Reverse	9.35:1 - 4.68:1	
5.7 Litre V-8 RPO LM1	3-Speed Automatic	Drive	12.15:1 - 2.41:1	2.41:1
		Low	12.15:1 - 3.66:1	
		Second	12.15:1 - 6.07:1	
		Reverse	9.35:1 - 4.68:1	
5.7 Litre V-8 RPO LM1/Z28	3-Speed Automatic	Drive	17.24:1 - 3.42:1	3.42:1
		Second	17.24:1 - 5.20:1	
		Low	17.24:1 - 8.62:1	
		Reverse	13.27:1 - 6.63:1	

*–Axle ratio x transmission ratio.

GENERAL DATA

Engine		L-6 OHV	V-8 OHV	
Piston Displacement (Litres)		4.1	5.0	5.7
Availability		Standard (L22)	RPO LG3	RPO LM1
Number of Cylinders		Six	Eight	
Bore (nominal)		3.875	3.736	4.00
Stroke (nominal)		3.53	3.48	
Compression Ratio		8.0:1 (8.2:1)	8.4:1	8.2:1
Taxable (SAE Horsepower)		36.0	44.7	51.2
Firing Order		1-5-3-6-2-4	1-8-4-3-6-5-7-2	
Idling Speed	Manual transmission (in neutral)	800	600	700
	Turbo Hydra-matic (in drive)	550 (600)	500	500
Comp. Press. (PSI) @ Cranking Speed, Engine Hot		130	160	
Power Plant Mountings	Front	Two, preloaded captive cushion type		
	Rear	One; full shear type		
Measurements	Fan to rear of engine block	35.78	31.55	
	Top of a/clnr to bottom of oil pan	27.22	29.60	28.52
	Width - including air cleaner (a)	17.76	28.53	

(a) L6 engine - (oil filter to exhaust manifold); V8 engines (across exhaust manifold)
Data in brackets ( ) pertains to California.

ADVERTISED ENGINE RATING

ENGINE DESIGNATION	AVAILABILITY	CARBURETOR	FEDERAL BELOW 4000 FT.	FEDERAL ABOVE 4000 FT.	CALIF.	NET BRAKE HP @ RPM	NET TORQUE @ RPM (lb.ft.)
4.1 Litre L-6	Standard (RPO L22)	Single Barrel	X	–	–	115 @ 3800	200 @ 1600
			–	–	X	90 @ 3600	175 @ 1600
5.0 Litre V-8	RPO LG3	Two Barrel	X	–	–	130 @ 3200	245 @ 2000
			–	–	X	125 @ 3200	235 @ 2000
5.7 Litre V-8	RPO LM1	Four Barrel	X	–	–	170 @ 3800	270 @ 2400
			–	X	X	165 @ 3800	260 @ 2400
5.7 Litre V-8	RPO LM1/Z28	Four Barrel	X	–	–	175 @ 4000	270 @ 2400
			–	X	X	170 @ 4000	265 @ 2400

4.1 LITRE L-6 ENGINE (RPO L22)

Transmission		3-Speed	3-Speed Automatic	
Rear Axle Ratio		2.56	2.56	2.73
Tire Size		FR78 x 14B		
Crankshaft Revolutions per Mile		2040.3		2175.8
Crankshaft Rev/Min. @ 1 MPH	Low	119.0	85.7	91.4
	Second	64.3	51.7	55.1
	Third	34.0	34.0	36.3 (direct)
	Reverse	123.1	65.6	70.0
Piston Travel (ft/mile)		1200.4		1280.1

5.0 LITRE V-8 ENGINE (RPO LG3)

Transmission		4-Speed	3-Speed Automatic
Rear Axle Ratio		3.08:1	2.41:1
Tire Size		FR78 x 14B	
Crankshaft Revolutions per Mile		2454.8	1920.8
Crankshaft Rev/Min. @ 1 MPH	Low	116.6	80.6
	Second	82.6	48.6
	Third	55.2	32.0
	Fourth	40.9	–
	Reverse	116.6	62.1
Piston Travel (ft/mile)		1423.8	1114.1

5.7 LITRE V-8 ENGINE (RPO LM1)

Transmission		4-Speed	3-Speed Automatic	
Rear Axle Ratio		3.08:1	2.41:1	3.08:1
Tire Size		FR78 x 14B		
Crankshaft Revolutions per Mile		2454.8	1920.8	2454.8
Crankshaft Rev/Min. @ 1 MPH	Low	116.6	80.6	103.1
	Second	82.6	48.6	62.2
	Third	55.2	32.0	40.9
	Fourth	40.9	–	–
	Reverse	116.6	62.1	78.9
Piston Travel (ft/mile)		1423.8	1114.1	1423.8

5.7 LITRE V-8 ENGINE (RPO LM1/Z28)

Transmission		4-Speed	3-Speed Automatic
Rear Axle Ratio		3.73:1	3.42:1
Tire Size		P225/70R-15	
Crankshaft Revolutions per Mile		2834.8	2599.2
Crankshaft Rev/Mile @ 1 MPH	Low	124.1	109.1
	Second	82.6	65.8
	Third	63.2	43.3
	Fourth	47.2	–
	Reverse	134.5	83.6
Piston Travel (ft/mile)		1644.2	1507.5

ENGINE		4.1 Litre L-6 115 HP	5.0 Litre V-8 130 HP	5.7 Litre V-8 170 HP	5.7 Litre V-8 175 HP
MODEL		1FQ87	1FQ87	1FS87	1FQ87

3-SPEED TRANSMISSION

		4.1 Litre L-6 115 HP	5.0 Litre V-8 130 HP	5.7 Litre V-8 170 HP	5.7 Litre V-8 175 HP
Performance Weight (pounds)		4015			
Pounds/Net Horsepower	Federal	34.91			
	California	44.61			
Pounds/Cu. In. Displacement		16.06			
Net HP/Cu. In. Displacement	Federal	.460			
	California	.360			
Power Displacement (cu.ft./mile)		147.6			
Displacement Factor (cu.ft./ton mile)		73.5			

4-SPEED TRANSMISSION

		4.1 Litre L-6 115 HP	5.0 Litre V-8 130 HP	5.7 Litre V-8 170 HP	5.7 Litre V-8 175 HP
Performance Weight (pounds)			4152	4208	4191
Pounds/Net Horsepower	Federal		31.94	24.75	23.95
	California		33.22	25.50	24.65
Pounds/Cu. In. Displacement			13.61	12.02	11.97
Net HP/Cu. In. Displacement	Federal		.426	.486	.500
	California		.410	.471	.486
Power Displacement (cu.ft./mile)			216.6	248.6	287.1
Displacement Factor (cu.ft./ton mile)			104.4	118.2	137.0

3-SPEED AUTOMATIC TRANSMISSION

		4.1 Litre L-6 115 HP	5.0 Litre V-8 130 HP	5.7 Litre V-8 170 HP	5.7 Litre V-8 175 HP
Performance Weight (pounds)		4033	4163	4220	4215
Pounds/Net Horsepower	Federal	35.07	32.02	24.82	24.09
	California	44.81	33.30	25.58	24.79
Pounds/Cu. In. Displacement		16.13	13.65	12.06	12.04
Net HP/Cu. In. Displacement	Federal	.460	.426	.486	.500
	California	.360	.410	.471	.500
Power Displacement (cu.ft./mile)		147.6	169.5	194.5	263.2
Displacement Factor (cu.ft./ton mile)		73.2	81.4	92.2	124.9

GLOSSARY

Performance Weight	Curb Weight plus 600 Lb. (weight of four 150 lb. passengers)
Power Displacement	$\dfrac{\text{Crankshaft Revs/Mi x Piston Displacement}}{2 \times 1728}$
Displacement Factor	$\dfrac{\text{Power Displacement}}{\text{Performance Wt (tons)}}$

CYLINDER BLOCK

Material	Cast alloy iron
Bore Diameter	
4.1 Litre L-6	3.8745-3.8775
5.0 Litre V-8	3.7355-3.7385
5.7 Litre V-8	3.9995-4.0025
Bearing Caps (Number, material & attachment)	
4.1 Litre L-6	7, cast iron, 2-bolt
5.0, 5.7 Litre V-8	5, cast iron; 2-bolt
Water Jacket	Full length around each cylinder
Bore Spacing (Centerline to Centerline)	
4.1 Litre L-6	4.4
5.0, 5.7 Litre V-8	4.4

CYLINDER HEAD

Material	High chrome cast alloy iron
Bolt No. & Size	
4.1 Litre L-6	14; .500 dia. 13 threads/in.
5.0, 5.7 Litre V-8	34; .4375 dia. 14 threads/in.

COMBUSTION CHAMBER VOLUME

(Total chamber volume of assembled engine with piston at top center)

4.1 Litre L-6	5.77 Cu.In.
5.0 Litre V-8	5.13 Cu.In.
5.7 Litre V-8	6.27 Cu.In.

INLET MANIFOLD

Material	Cast alloy iron
Type – 4.1 Litre L-6	49 states - separate Calif. - Integral with cylinder head
5.0, 5.7 Litre V-8	8 port, double deck

EXHAUST MANIFOLD

Material	Cast alloy iron
Type	
4.1 Litre L-6	4 port, center downtake
5.0, 5.7 Litre V-8	Dual, 4 port, rear downtake
Outlet Diameter (Nominal)	
4.1 Litre L-6	2.25
5.0, 5.7 Litre V-8	2.00

CRANKSHAFT

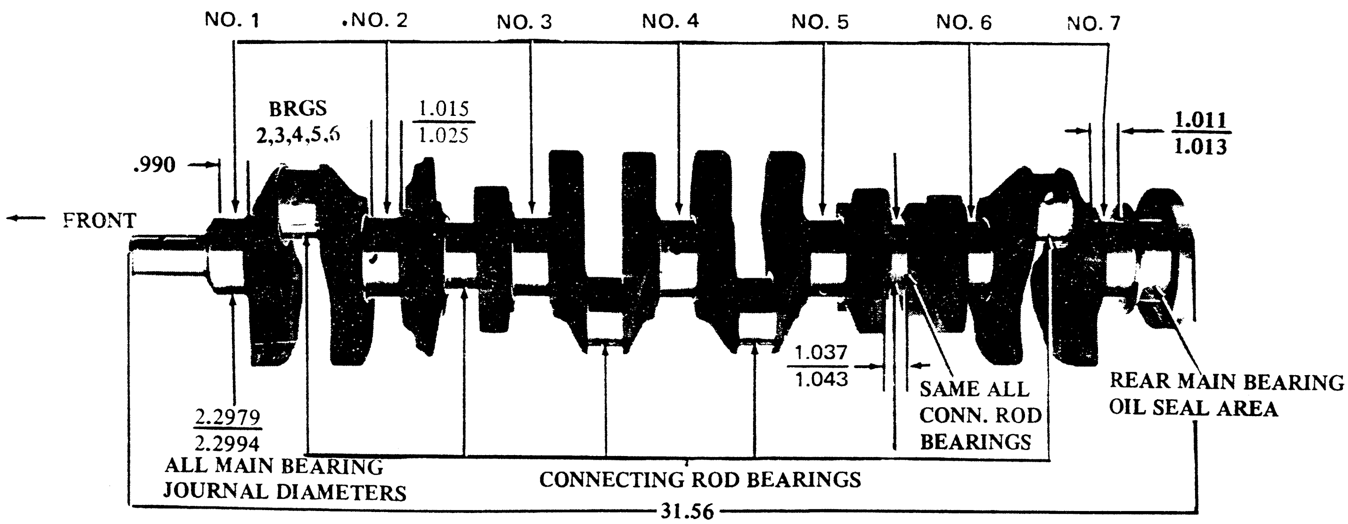
Material	
4.1 Litre L-6	Cast nodular iron
5.0, 5.7 Litre V-8	Cast nodular iron
End Play	
4.1 Litre L-6	.002-.006
5.0, 5.7 Litre V-8	.002-.007
Counter Weights	
4.1 Litre L-6	12
5.0, 5.7 Litre V-8	6
Crank Arm Length	
4.1 Litre L-6	1.765
5.0, 5.7 Litre V-8	1.740
Torsional Damper	Rubber mounted inertia
Timing Gear	
4.1 Litre L-6	Gear; cast iron
5.0, 5.7 Litre V-8	Chain; sintered iron
Pulley Pitch Diameter	6.64

MAIN BEARINGS

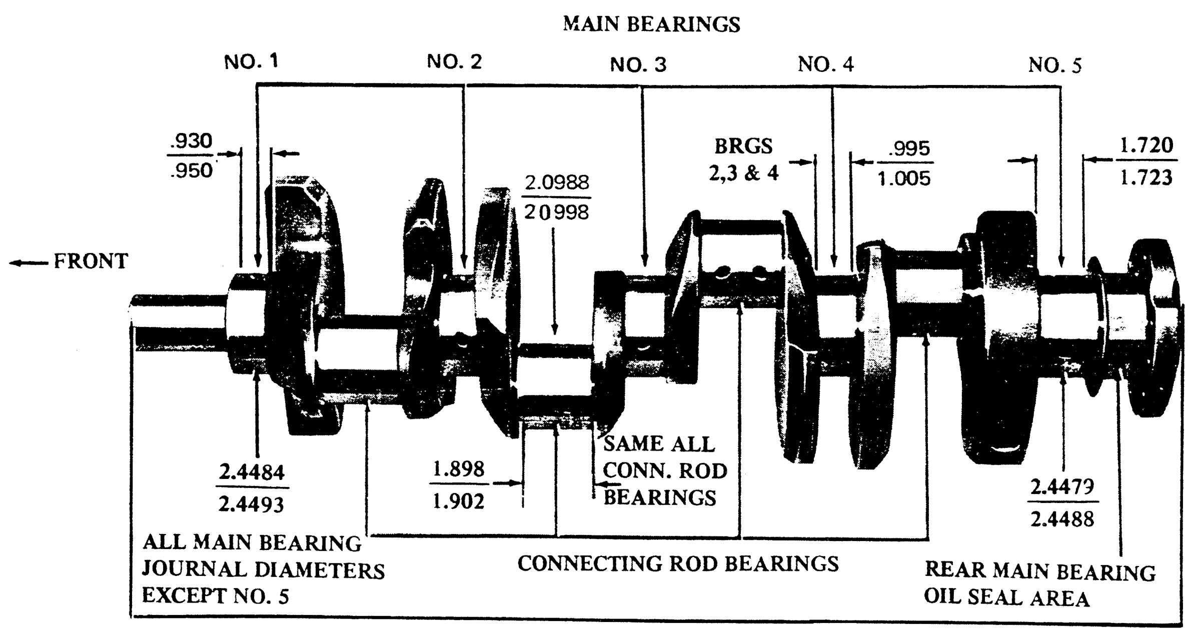
Material	Steel; backed insert; (copper lead alloy or premium aluminum lining selected for specific engine application)
Type	Precision removable
Thrust Against Bearing No.	L6 - No. 7; V8 - No. 5
Clearance	
4.1 Litre L-6	.0003-.0029
5.0, 5.7 Litre V-8	(No. 1) .0008-.0020; (No. 2-3-4) .0011-.0023; (No. 5) .0017-.0033

Dimensions	Theoretical Inner Dia.	Effective Length	Projected Area
4.1 Litre L-6			
Bearing No. 1-6	2.2999	.752	1.7295
Bearing No. 7	2.2999	.760	1.7479
5.0, 5.7 Litre V-8			
Bearing No. 1-4	2.4502	.752	1.8425
Bearing No. 5	2.4508	1.180	2.8919

4.1 LITRE SIX CYLINDER ENGINE



5.0 & 5.7 LITRE V-8 ENGINE



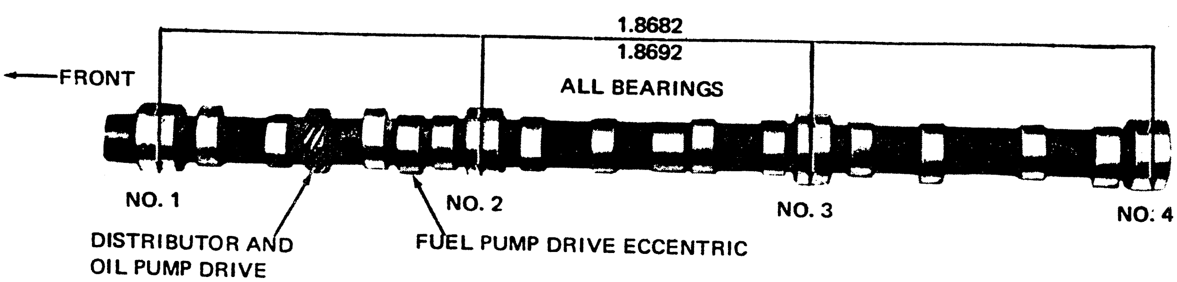
CAMSHAFT
- Material .... Cast alloy iron
- Drive
  - L6 .... Gear; aluminum alloy
  - V8 .... Chain; nylon teeth with aluminum head
- Lobe Lift
  - 4.1 Litre L-6 .... .2217 Inlet; .2315 Exhaust
  - 5.0 Litre V-8 .... .2484 Inlet; .2667 Exhaust
  - 5.7 Litre V-8 .... .2600 Inlet; .2733 Exhaust
- Camshaft Bearings .... Steel backed babbitt

VALVE TRAIN
- Type .... Individually mounted, overhead valves and rocker arms, push rod actuated.
- Lifters .... Hydraulic
- Rocker Arms .... Stamped steel
- Ratio
  - 4.1 Litre L-6 .... 1.75:1
  - 5.0, 5.7 Litre V-8 .... 1.50:1
- Push Rods ...... Hollow steel with hardened ends;
- Rotators (5.0, 5.7 Litre V-8) .... Exhaust

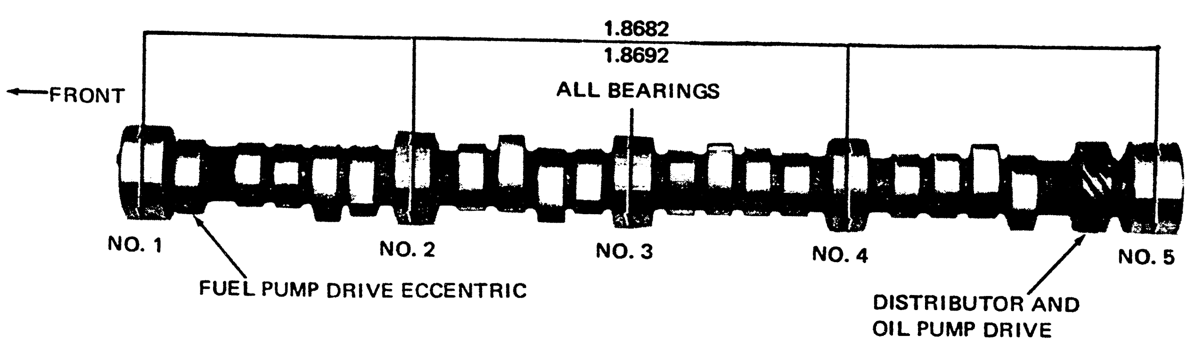
VALVE SPRINGS
- Diameter
  - 4.1 Litre L-6 .... .872-.880
  - 5.0, 5.7 Litre V-8 .... .868-.884
- Installed Length (lb. @ in.)
  - Valves Closed
    - 4.1 Litre L-6 .... 78-86 @ 1.66
    - 5.0, 5.7 Litre V-8
      - Inlet .... 76-84 @ 1.70
      - Exhaust .... 76-84 @ 1.61
  - Valves Opened
    - 4.1 Litre L-6 .... 170-180 @ 1.26
    - 5.0, 5.7 Litre V-8
      - Inlet .... 194-206 @ 1.25
      - Exhaust .... 194-206 @ 1.16
  - Free Length
    - 4.1 Litre L-6 .... 1.90
    - 5.0, 5.7 Litre V-8 .... 2.03
- Valve Spring Damper
  - 4.1 Litre L-6 .... None
  - 5.0, 5.7 Litre V-8 .... Flat steel, 4 coils
- Oil Shield .... Steel cup

CAMSHAFT AND BEARINGS

4.1 LITRE L-6 ENGINE

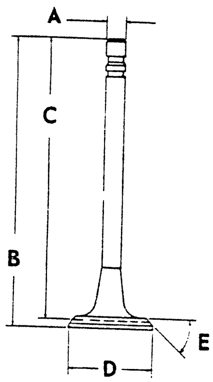


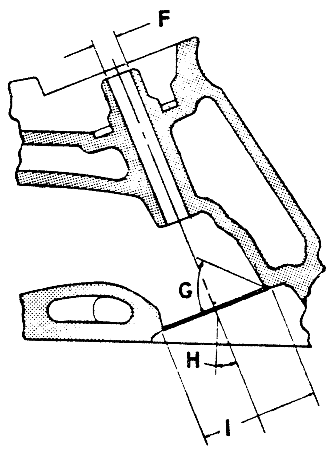
5.0 & 5.7 LITRE V-8 ENGINES



INLET VALVES

- Material . . . . Alloy steel
- Coating
  - 4.1 Litre L-6 . . . . Aluminized face
  - 5.0 Litre V-8 . . . . Aluminized face
  - 5.7 Litre V-8 . . . . None
  - All Stems . . . . Chrome flash

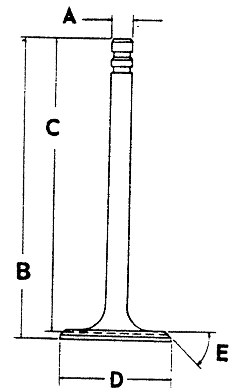


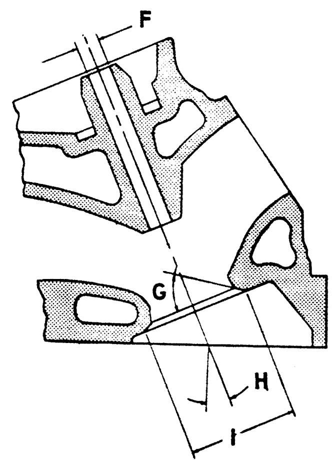


- A – Stem Diameter
  - 4.1 Litre L-6 . . . . .3410-.3417
  - 5.0, 5.7 Litre V-8 . . . . .3410-.3417
- B – Overall Length
  - 4.1 Litre L-6 . . . . 4.902-4.922
  - 5.0 Litre V-8 . . . . 4.902-4.922
  - 5.7 Litre V-8 . . . . 4.870-4.889
- C – Gage Length
  - 4.1 Litre L-6 . . . . 4.785-4.795
  - 5.0, 5.7 Litre V-8 . . . . 4.785-4.795
- D – Overall Head Diameter
  - 4.1 Litre L-6 . . . . 1.715-1.725
  - 5.0 Litre V-8 . . . . 1.715-1.725
  - 5.7 Litre V-8 . . . . 1.935-1.945
- E – Angle of Face . . . . 45°
- F – Guide Diameter 3427-.3437
- G – Angle of Seat . . . . 46°
- H – Valve Angle
  - 4.1 Litre L-6 . . . . 9°
  - 5.0, 5.7 Litre V-8 . . . . 23°
- I – Valve Seat Diameter
  - 4.1 Litre L-6 . . . . 1.591-1.597
  - 5.0, 5.7 Litre V-8 . . . . 1.823-1.829

EXHAUST VALVES

- Material . . . . High alloy steel
- Coating
  - 4.1 Litre L-6 . . . . Aluminized face
  - 5.0 Litre V-8 . . . . Aluminized face
  - 5.7 Litre V-8 . . . . Aluminized face
  - All Stems . . . . Chrome flash





- A – Stem Diameter
  - 4.1 Litre L-6 . . . . .3410-.3417
  - 5.0, 5.7 Litre V-8 . . . . .3410-.3417
- B – Overall Length
  - 4.1 Litre L-6 . . . . 4.913-4.933
  - 5.0 Litre V-8 . . . . 4.913-4.933
  - 5.7 Litre V-8 . . . . 4.910-4.930
- C – Gage Length
  - 4.1 Litre L-6 . . . . 4.781-4.791
  - 5.0, 5.7 Litre V-8 . . . . 4.781-4.791
- D – Overall Head Diameter
  - 4.1 Litre L-6 . . . . 1.495-1.505
  - 5.0 Litre V-8 . . . . 1.495-1.505
  - 5.7 Litre V-8 . . . . 1.495-1.505
- E – Angle of Face . . . . 45°
- F – Guide Diameter 3427-.3437
- G – Angle of Seat . . . . 46°
- H – Valve Angle
  - 4.1 Litre L-6 . . . . 9°
  - 5.0, 5.7 Litre V-8 . . . . 23°
- I – Valve Seat Diameter
  - 4.1 Litre L-6 . . . . 1.321-1.327
  - 5.0, 5.7 Litre V-8 . . . . 1.321-1.327

VALVE LIFT

4.1 Litre L-6	.3880 Inlet; .4051 Exhaust
5.0 Litre V-8	.3727 Inlet; .4100 Exhaust
5.7 Litre V-8	.3900 Inlet; .4100 Exhaust

VALVE TIMING (Crankshaft degrees – Excluding Ramps)

4.1 Litre L-6	
Inlet Valve	
Opens - BTC	16°
Closes - ABC	48°
Duration	244°
Exhaust Valve	
Opens - BBC	64°
Closes - ATC	50°
Duration	294°
5.0 Litre V-8	
Inlet Valve	
Opens - BTC	28°
Closes - ABC	64°
Duration	272°
Exhaust Valve	
Opens - BBC	78°
Closes - ATC	30°
Duration	288°
5.7 Litre V-8	
Inlet Valve	
Opens - BTC	28°
Closes - ABC	72°
Duration	280°
Exhaust Valve	
Opens - BBC	78°
Closes - ATC	30°
Duration	288°

PISTONS

Material	
4.1 Litre L-6	Cast alum. alloy
5.0, 5.7 Litre V-8	Cast alum. alloy
Head Type	
4.1 Litre L-6	Sump
5.0, 5.7 Litre V-8	Sump
Skirt Type	Slipper
Top Land Clearance	
4.1 Litre L-6	.0245-.0335
5.0 Litre V-8	.0245-.0335
5.7 Litre V-8	.0235-.0325
Skirt Clearance	
4.1 Litre L-6	.0005-.0015
5.0 Litre V-8	.0017-.0042
5.7 Litre V-8	.0007-.0017
Compression Ring Groove Depth	
4.1 Litre L-6	.2153-.2218
5.0 Litre V-8	.2003-.2073
5.7 Litre V-8	.2218-.2308
Oil Ring Groove Depth	
4.1 Litre L-6	.2093-.2158
5.0 Litre V-8	.2103-.2193
5.7 Litre V-8	.2038-.2128
Pin Bore Offset	.055-.065
Compression Height	
4.1 Litre L-6	1.658-1.662
5.0 Litre V-8	1.538-1.562
5.7 Litre V-8	1.558-1.562

PISTON PINS

Material	Chromium steel
Length	
4.1 Litre L-6	2.990-3.010
5.0, 5.7 Litre V-8	2.990-3.010
Diameter	
4.1 Litre L-6	.9270-.9273
5.0, 5.7 Litre V-8	.9270-.9273
Clearance in Piston	
4.1 Litre L-6	.00015-.00025
5.0, 5.7 Litre V-8	.00025-.00035
Pin Mounting	Locked in rod by shrink fit

COMPRESSION RINGS – UPPER

Material	Cast alloy iron
Type	Straight edge inside of ring
Face	Barrel
Coating	
4.1 Litre L-6	Wear resistant coating molybdenum inlay, graphite impregnated
5.0, 5.7 Litre V-8	Chrome flash
Width	
4.1 Litre L-6	.0775-.0780
5.0 Litre V-8	.0770-.0780
5.7 Litre V-8	.0775-.0780
Wall Thickness	
4.1 Litre L-6	.184-.194
5.0 Litre V-8	.167-.177
5.7 Litre V-8	.190-.200
Gap	.010-.020

COMPRESSION RINGS – LOWER

Material	Cast alloy iron
Type	Inside bevel (top of ring 30 degrees to piston vertical axis for L6-250 and V8-350)
Face	Tapered
Coating	Wear resistant
Width	
4.1 Litre L-6	.0770-.0780
5.0, 5.7 Litre V-8	.0770-.0775
Wall Thickness	
4.1 Litre L-6	.184-.194
5.0 Litre V-8	.167-.177
5.7 Litre V-8	.190-.200
Gap	
4.1 Litre L-6	.010-.020
5.0 Litre V-8	.010-.025
5.7 Litre V-8	.010-.025

OIL CONTROL RINGS

Type	Multi-piece (two rails and one spacer)
Material	
Rails	Steel
Spacer	Alloy steel
Width (assembled)	
4.1 Litre L-6	.1850-.1870
5.0 Litre V-8	.1859-.1879
5.7 Litre V-8	.1850-.1870
Wall Thickness	
4.1 Litre L-6	.152-.158
5.0 Litre V-8	.138-.143
5.7 Litre V-8	.150-.156
Gap	
4.1 Litre L-6	.015-.055
5.0 Litre V-8	.010-.035
5.7 Litre V-8	.015-.055
Rail Coatings	Chrome plated

CONNECTING RODS

Material	Drop forged steel
Length (center to center)	5.695-5.705

CONNECTING ROD BEARINGS

Material	
4.1 Litre L-6	Premium aluminum
5.0, 5.7 Litre V-8	Premium aluminum
Type	Precision removable
Clearance	
4.1 Litre L-6	.0007-.0027
5.0, 5.7 Litre V-8	.0013-.0035
Theoretical I.D.	
4.1 Litre L-6	2.0017
5.0, 5.7 Litre V-8	2.1012
Effective Length	
4.1 Litre L-6	.807
5.0, 5.7 Litre V-8	.797
End Play	
4.1 Litre L-6	.007-.016
5.0, 5.7 Litre V-8	.006-.016

FUEL TANK
- Capacity . . . . 21 (approximately)
- Fuel Tank Location . . . . Behind rear axle
- Filler Location . . . . Behind hinged rear license plate

FUEL FILTERS, DUAL
- In Fuel Tank . . . . Mesh strainer
- In Carburetor Inlet . . . . Paper

FUEL PUMP ASSEMBLY
- Type . . . . Mechanical; diaphragm
- Drive . . . . Camshaft, eccentric
- Location . . . . Right side front of engine
- Pressure Range (shut off pressure at 1800 RPM)
  - 4.1 Litre L-6 . . . . . . 4.5-6.0 PSI at pump outlet
  - 5.0, 5.7 Litre V-8 . . 7.50-9.00 PSI at pump outlet

AIR CLEANER
- Type . . . . Cylindrical with air horn attached to ducted air inlet
- Diameter
  - 4.1 Litre L-6 . . . . 12.00
  - 5.0, 5.7 Litre V-8 . . . . 14.75
- Filter Element . . . . Oil-wetted paper

CARBURETORS
- Make & Type
  - 4.1 Litre L-6 . . . . 1-barrel, Monojet
  - 5.0 Litre V-8 . . . . 2-barrel
  - 5.7 Litre V-8 . . . . 4-barrel
- SAE Flange Type
  - 4.1 Litre L-6 . . . . 1.50
  - 5.0, 5.7 Litre V-8 . . . . 1.50
- Throttle Bore
  - 4.1 Litre L-6 . . . . 1.69
  - 5.0 Litre V-8 . . . . 1.69
  - 5.7 Litre V-8
    - Primary 1.38
    - Secondary 2.25
- Secondary Throttle Actuation . . . . By linkage approximately when primary valves are opened halfway between closed and open
- Venturi Diameter
  - 4.1 Litre L-6 . . . . 1.31
  - 5.0 Litre V-8 . . . . 1.19
  - 5.7 Litre V-8
    - Primary 2.25
    - Secondary . . . . Air valve

CHOKE
- Type . . . . Automatic

TYPE
- 4.1 Litre L-6 . . . . Single exhaust and converter
- 5.0, 5.7 Litre V-8 . . . . Single exhaust and converter with crossover pipes
- 5.7 Litre V-8 . . . . w/RPO Z28 Dual exhaust, single converter with crossover

MUFFLERS
- Availability . . . . All except RPO Z28
- Type . . . . Oval, reverse flow
- Construction . . . . Heads and body joined by rolled lock seam construction
- Head . . . . .054 sheet steel, aluminized
- Shell
  - 4.1 Litre L-6 . . . . .036 sheet steel, aluminized
  - 5.0, 5.7 Litre V-8 . . . . .031 sheet steel, aluminized
- Wrap . . . . .060 indented asbestos sheet
- Cover
  - 4.1 Litre L-6 . . . . .018 sheet steel, aluminized
  - 5.0, 5.7 Litre V-8 . . . . .017 sheet steel, aluminized
- Length, Body 24.00
- Width (I.D.)
  - 4.1 Litre L-6 . . . . 10.50
  - 5.0, 5.7 Litre V-8 . . . . 10.44
- Height (I.D.)
  - 4.1 Litre L-6 . . . . 4.06
  - 5.0, 5.7 Litre V-8 . . . . 4.00

RESONATORS (RPO Z28)
- Type . . . . Dual, used in place of mufflers
- Shell . . . . 0.037 aluminized steel
- Cover . . . . 0.015 aluminized steel
- Wrap . . . . 0.060 embossed asbestos
- Length 12.00
- Width 3.25
- Height 7.75

EXHAUST PIPE TO CONVERTER
- Dimension (O.D.) & Wall Thickness
  - 4.1 Litre L-6 . . . . 2.25 x .078 laminated
  - 5.0, 5.7 Litre V-8 . . . . 2.50 x .078 laminated

EXHAUST PIPE – CONVERTER TO MUFFLER
- Dimensions (O.D.)
  - 4.1 Litre L-6 . . . . 2.25
  - 5.0, 5.7 Litre V-8 . . . . 2.25
- Wall Thickness
  - 4.1 Litre L-6 . . . . .071 laminated
  - 5.0, 5.7 Litre V-8 . . . . .071 laminated

TAIL PIPES
- Type
  - 4.1 Litre L-6 . . . . Single
  - 5.0, 5.7 Litre V-8 . . . . Dual
- Dimensions (O.D.)
  - 4.1 Litre L-6 . . . . 2.00
  - 5.0, 5.7 Litre V-8 . . . . 2.00
  - 5.7 Litre V-8/Z28 . . . . 2.50
- Wall Thickness
  - 4.1 Litre L-6 .062
  - 5.0, 5.7 Litre V-8 062
  - 5.7 Litre V-8/Z28 068

EXHAUST CROSSOVER PIPE
- Dimensions (O.D.)
  - 5.0, 5.7 Litre V-8 . . . . 2.00

SYSTEM APPLICATION

System Type	Engine Adaptation		
	4.1 Litre	5.0 Litre	5.7 Litre
CHA – Carburetor Hot Air	a, c	—	—
COA – Carburetor Outside Air	a, c	a, c	a, b, c
CTS – Cold Trapped Spark	a	a, c	a
EFE – Early Fuel Evaporation	a, c	a, c	a, b, c
EGR – Exhaust Gas Recirculation	a, c	a, c	a, b, c
FEC – Fuel Evaporation Control	a, c	a, c	a, b, c
PCV – Positive Crankcase Ventilation	a, c	a, c	a, b, c
UFC – Under Floor Converter	a, c	a, c	a, b, c
MAI – Manifold Air Injection	c	c	b, c
MMC – Monolith Manifold Converter	c	—	—
T-CHA – Trapped-Carburetor Hot Air	—	a, c	a, b, c

a – 49 states without Altitude RPO NA6
b – 49 states with Altitude RPO NA6
c – California

BASIC FUNCTION OF SYSTEMS

CARBURETOR HOT AIR SYSTEM

A thermostatically controlled air induction system designed to aid carburetion. Consists of a heat stove to supply preheated air and a vacuum powered damper to mix air normally drawn in through the snorkel with the hot air. Produces a more uniform carburetor air temperature which permits proper emission control with improved engine operation.

CARBURETOR OUTSIDE AIR

Duct work connecting air cleaner snorkel to air source outside of engine compartment. Provides cooler outside air to CHA system for improved performance after engine warm-up.

COLD TRAPPED SPARK

Maintains distributor spark advance during heavier load accelerations for improved performance during engine warm-up.

EARLY FUEL EVAPORATION

A thermostatically controlled system designed to supply hot exhaust gasses to heat carburetor base and inlet manifold during early stages of cold engine operation. Improves cold engine driveability during warm-up.

EXHAUST GAS RECIRCULATION

Meters exhaust gas into induction system for recirculation through the combustion cycle to reduce oxides of nitrogen emissions.

FUEL EVAPORATION CONTROL SYSTEM

Controls emission of gasoline vapors to the atmosphere by means of an integral separator with the fuel tank that separates vapor from liquid fuel - a filler cap that doesn't permit venting into the atmosphere - a canister for storage of vapors - lines, hoses and valves to control and transport vapors from fuel tank and carburetor float bowl to storage, and finally, to the 'carburetor for utilization in running the engine.

POSITIVE CRANKCASE VENTILATION

Withdraws oil and gas vapors from the various cavities throughout the engine for burning in the combustion cycle.

UNDER FLOOR CONVERTER

A device placed in the exhaust system containing the catalytic bed through which exhaust gasses are passed. The catalyst may be configured to cause both a reduction and oxydation reaction, or an oxydation reaction only.

MANIFOLD AIR INJECTION

Compresses, regulates and distributes quantities of air to the manifold to more completely burn carbon monoxide and hydrocarbon emissions.

MONOLITH MANIFOLD CONVERTER

The flow of exhaust gases down through the catalyst, within the converter, effectively controls the hydrocarbon and carbon monoxide to a more desirable emission.

TRAPPED – CARBURETOR HOT AIR

Check valve added to CHA system to delay damper valve opening to cold air source during large throttle settings for improved driveability during warm-up.

GENERAL

Type . . . . Controlled full pressure
Main Bearings . . . . Pressure
Connecting Rods . . . . Pressure
Piston Pins . . . . Splash
Cylinder Walls
L6-4.1 Litre . . . . Main and connecting rod bearing throw off
V8-5.0, 5.7 Litre . . . . . . Pressure, jet cross sprayed
Camshaft Bearings . . . . Pressure
Valve Lifters . . . . Pressure
Rocker Arms . . . . Pressure
Timing Gears
L6-4.1 Litre . . . . Nozzle sprayed
V8-5.0, 5.7 Litre . . . . Centrifugally oiled from camshaft bearing
Oil Pressure Sending Unit
Type . . . . Electric
Actuation . . . . Opens or closes circuit @ 2 to 6 PSI
Oil Filler
Cap . . . . Positive seal
Location
L6-4.1 Litre . . . . . Forward end of rocker cover
V8-5.0, 5.7 Litre . . . . Rearward on left rocker cover

OIL PAN CAPACITIES (Quarts)

Refill
L6-4.1 Litre 4
V8-5.0, 5.7 Litre 4
Refill with Filter Change
L6-4.1 Litre 4.5
V8-5.0, 5.7 Litre 4.5

LUBRICANT GRADES AND TEMPERATURES

20°F and Above 10W-30,10W-40,20W-20, 20W-40,20W-50
0°F to 60°F 10W, 5W-30,10W-30,10W-40
Below 20°F 5W,5W-20,5W-30

OIL PUMP

Type . . . . Gear
Regulator Valve . . . . Opens between 40-45 lbs.
Oil Pressure
L6-4.1 Litre . . . . 36-41 PSI @ 2000 RPM
V8-5.0, 5.7 Litre . . . . 45 PSI @ 2000 RPM
Intake Type . . . . Fixed pickup with screen
Capacity (GPM @ Engine RPM)
L6-4.1 Litre . . . . 4.3 @ 2000
V8-5.0, 5.7 Litre . . . . 4.3 @ 2000

OIL FILTER

Type . . . . Full flow, throw away canister
Location
L6-4.1 Litre . . . . Right side front of engine
V8-5.0, 5.7 Litre . . . . Left rear side of engine
Capacity . . . . One pint
Bypass Valve . . . . Opens between 9 to 11 PSI

OIL PAN DRAIN PLUG

Type . . . . Hex head
Location
L6-4.1 Litre . . . . Front lower face of oil pan
V8-5.0, 5.7 Litre . . . . . . Left lower face of oil pan
Size of Hex Head 860–.875
Thread . . . . 1/2-20 UNF 2A
Length 0.81
Diameter 410–.430

OIL DIPSTICK – LOCATION

L6-4.1 Litre . . . . Right side rear of engine block
V8-5.0, 5.7 Litre . . . . Left side, rear of engine block

GENERAL
Type . . Pressure, vented thru coolant recovery system
Capacity with Heater
4.1 Litre L-6 . . . . 14.6 qts.
5.0 Litre V-8 . . . . 17.2 qts.
5.7 Litre V-8 . . . . 17.3 qts.

RADIATOR
Make and Type . . . . Harrison, tube and center
Core Constant
Distance between Fins
4.1 Litre L-6 . . . . .20 Man., .18 Auto.
5.0 Litre V-8 . . . . .18 Man., .16 Auto.
5.7 Litre V-8 . . . . .16 Man. & .18 Auto.
5.7 Litre V-8 (Z28) . . . . .14 Man. & Auto.
Distance between Tubes 55
Thickness of Core
4.1 Litre L-6 . . . . 1.24
5.0 Litre V-8 . . . . 1.24
5.7 Litre V-8 . . . . 1.24
Frontal Area (Sq.In.)
4.1 Litre L-6 353
5.0 Litre V-8 353
5.7 Litre V-8 (Manual) 353
(Auto.) 446
5.7 Litre V-8 (Z28) 446
Overflow . . . . Separate coolant bottle

RADIATOR HEAVY DUTY (RPO V01)
Core Constant
Distance between Fins
4.1 Litre L-6 . . . . .16 Man. & .14 Auto.
5.0 Litre V-8 . . . . .14 Man. & Auto.
5.7 Litre V-8 . . . . .16 Man. & .20 Auto.
5.7 Litre V-8 (Z28) . . . . .20 Man. & .18 Auto.
Distance between tubes 55
Thickness of Core
4.1 Litre L-6 . . . . 1.24
5.0 Litre V-8 . . . . 1.24
5.7 Litre V-8 . . . . 1.24 Man., 1.96 Auto.
5.7 Litre V-8 (Z28) . . . . 1.96 Man. & Auto.
Frontal Area (Sq.In.)
4.1 Litre L-6 446
5.0 Litre V-8 446
5.7 Litre V-8 446
Overflow . . . . Separate coolant bottle

THERMOSTAT
Type . . . . Pellet
Begins to Open at . . . . 192^{o}-198^{o}
Fully Opened at . . . . 227^{o}

RADIATOR CAP RELIEF VALVE
Opens at . . . . Approximately 15 PSI

RADIATOR HOSE
Outlet, Lower (Radiator to Water Pump)
4.1 Litre L-6 . . . . 1.75 ID
5.0, 5.7 Litre V-8 . . . . 1.75 ID
Inlet, Upper (Thermostat Housing to Radiator)
4.1 Litre L-6 . . . . 1.50 ID
5.0, 5.7 Litre V-8 . . . . 1.50 ID

FAN
Number of Blades 4
Diameter
4.1 Litre L-6 . . . . 17.62
5.0, 5.7 Litre V-8 . . . . 17.62
5.7 Litre V-8 (RPO Z28) . . . . 7 Blade, 18" dia.

BELTS, CRANKSHAFT, FAN AND GENERATOR
Number Used . . . . One
Angle of "V" . . . . 34^{o}-38^{o}
Pitch Line
4.1 Litre L-6 . . . . 38.00
5.0 Litre V-8 (Except California) 44.50
5.7 Litre V-8 (Except California) 44.50
5.0, 5.7 Litre V-8 (California) 48.00
Width 380

WATER PUMP
Type . . . . Centrifugal
Capacity
4.1 Litre L-6 . . . . 21.0 GPM @ 2000 Engine RPM
5.0, 5.7 Litre V-8 . . . . 22.7 GPM @ 2000 Engine RPM
Bearing . . . . Permanently lubricated double row ball
Drive . . . . Fan belt
Ratio (Pump to Engine RPM)
4.1 Litre L-6 . . . . 1.165:1
5.0, 5.7 Litre V-8 . . . . .949:1

DRAIN LOCATIONS AND TYPE
Engine Block - Plug
4.1 Litre L-6 . . . . Left side rear
5.0, 5.7 Litre V-8 . . . . Right and left center
Radiator . . . . Petcock, lower left rear face

SUPPLY SYSTEM
- BATTERY
  - Type . . . . Freedom
  - Voltage Rating and Watts
    - 4.1 Litre L-6 12-2500
    - 5.0, 5.7 Litre V-8 12-3200
  - Number of Cells 6
  - Cold Cranking Rating
    - 4.1 Litre L-6 . . . . 0° @ 275 amps; -20° @ 210 amps. @ 60 minutes reserve capacity
    - 5.0, 5.7 Litre V-8 . . . . 0° @ 350 amps; -20° @ 270 amps. @ 80 minutes reserve capacity
  - Terminal Grounded . . . . Negative
  - Location . . . Engine compartment, right side front

GENERATOR
- Type . . . . Diode rectified
- Rating
  - Amps 37
  - Volts 12
- Drive . . . . By fan belt
- Pulley Pitch Diameter 2.43
- Ratio (Gen. to Engine Speed) 2.73:1

REGULATOR
- Type . . . . Micro circuit unit integral with alternator
- Voltage . . . . 13.8-14.8 @ 85°F

IGNITION SYSTEM
- DISTRIBUTORS . . . . Refer to chart below

CABLE . . . . Linen core impregnated with electrical conducting material and insulation of rubber with neoprene jacket

COIL
- Type . . . . Integral with distributor

SPARK PLUGS
- Type
  - 4.1 Litre L-6 . . . . R46TS
  - 5.0, 5.7 Litre V-8 . . . . R45TS
- Thread Size (mm) 14
- Gap . . . . .035 (4.1 L), .045 (5.0 & 5.7 L)
- Torque . . . . 25 lb. ft.

STARTING SYSTEM
- STARTING MOTOR
  - Rotation (Drive End View) . . . . Clockwise
  - Test Conditions . . . . . . Engine at operating temp.
    - No Load Test
      - Amps
        - 4.1 Litre L-6 49-87
        - 5.0, 5.7 Litre V-8 70-99
      - Volts 10.6
      - RPM
        - 4.1 Litre L-6 6200-10700
        - 5.0, 5.7 Litre V-8 7800-12000
  - Motor Drive
    - Engagement . . . . Solenoid
    - Pinion Meshes at . . . . Rear
    - Number of Teeth
      - Pinion 9
      - Flywheel
        - 4.1 Litre L-6 153
        - 5.0 & 5.7 Litre V-8 168

DISTRIBUTORS	4.1 Litre V-6 RPO L22		5.0 Litre V-8 RPO LG3			5.7 Litre V-8 RPO LM1	
Model	1110748	(1110716)	1103281	1103379	(1103285)	1103353	(1103285)
Type	High Energy Ignition						
Centrifugal Advance begins @ RPM	0 @ 1000		0 @ 1000	0 @ 1000	0 @ 1200	0 @ 1100	0 @ 1200
Maximum degrees @ RPM	20 @ 4200		20 @ 3800	20 @ 3800	22 @ 4200	22 @ 4600	22 @ 4200
Vacuum advance begins @ In. Hg.	0 @ 4						
Maximum degrees @ In. Hg.	20 @ 10	15 @ 12	20 @ 10	20 @ 8	10 @ 8	20 @ 10	10 @ 8
Timing (initial design setting) Crankshaft degrees @ RPM with vacuum line disconnected	12° BTC	8° BTC (6° BTC)	4° BTC		4° BTC	6° BTC	8° BTC
Timing mark location	Torsional Damper						

Data in brackets ( ) pertains to California.

CLUTCHES

					V8-350	
Engine	Type - Cubic Inch		L6-250	V8-305		
	Availability		Standard	RPO LG3	RPO LM1	RPO LM1/Z28
Type			Single dry disc, centrifugal			
Clutch cover & pressure plate	Eff. plate load, lbs.		2100-2300			2450-2750
	Press. plate matl.		Nodular iron			
	Clutch spring type		Diaphragm, bent finger design			
	Clutch spring matl.		Heat treated spring steel			
Driven plate	Type		Single disc with two friction surfaces			
	Cushions		Flat spring steel between friction rings			
	Dampers		10 coil springs (5 sets of two)			
	Friction rings	OD	10.34			11.0
		ID	6.50			6.5
		Total area sq. in.	101.54			123.70
		Material	Woven type asbestos			
Flywheel & Ring Gear	Flywheel	Material	Nodular iron			
	Ring gear	Material	Heat treated HR steel			
		No. of Teeth	168			
		PD	14.00			
		Attachment	Shrink Fit			
Bearings	Release	Type	Single row ball			
		Lubrication	None, prepacked			
	Pilot	Type	Bronze bushing			
		Lubrication	None, sintered and oil impregnated			
Controls	Clutch fork		Drop forged steel, pivot mounted on ball			
	Pedal mounting		Pendant from brace on dash			
	Lubrication		Crossover shaft			
Clutch housing material			Aluminum alloy			

(a) 6 outer coil springs and 3 inner coil springs equally spaced

3-SPEED AND 4-SPEED TRANSMISSIONS

Transmission Type			3-Speed	4-Speed		
			4.1 Litre L-6	5.0 Litre V-8	5.7 Litre V-8	
Engine Application	Type					
	Availability		Standard	RPO LG3	RPO LM1	RPO LM1/Z28
Case material			Cast Iron			Aluminum
Gear Shift	Type		Remote			
	Control		Lever			Hurst shifter
	Location		Floor			
Gears	Type		Helical			
	Material		Forged steel, hardened			
	Synchronization		All forward gears			
	Constant mesh gear		All Gears			All Fwd. Gears
	Sliding gears		None			Reverse
	Ratios	First	3.50	2.85		2.64
		Second	1.89	2.02		1.75
		Third	1.00	1.35		1.34
		Fourth	–	1.00		1.00
		Reverse	3.62	2.85		2.55
Lubricant	Type		GL-5 Gear lubricant (80W or 80W-90)			
	Capacity (pts)		3			
Extension	Material		Cast iron			
	Oil seal		Steel encased seal of spring loaded silicone			

THREE-SPEED AUTOMATIC TRANSMISSION

Engine	Displacement (Cu.In.)		4.1 Litre L-6	5.0 & 5.7 Litre V-8
General Data	Type		Automatic hydraulic torque converter with compound planetary gear system - three forward speeds and reverse.	
	Selector lever	Location	Steering column (a)	
		Operation	Actuates controls by a hydraulic system from pressurized gear type pump	
		Quadrant pattern	P-R-N-D-L2-L1	
	Parking Lock	Type	Locking pawi	
		Operation	Applied by selector lever through manual linkage	
	Method of cooling		Water	
	Flywheel assembly		Steel stamping with welded on ring gear	
Hydraulic System	Oil pressure pump		Supplies hydraulic pressure from an engine driven gear type pump	
	Type		Steel spool valve	
	Valves	Manual	Establishes range at transmission operation	
		Pressure regulator	Provides main line pressure	
		Shift (1-2)	Controls oil pressure for transmission shift from 1-2 or 2-1	
		Shift (2-3)	Controls oil pressure for transmission shift from 2-3 or 3-2	
	Modulator		Regulates line pressure with modulator oil pressure which varies with torque to transmission	
	Accumulator		Provides greater flexibility in attaining desired shift quality for various engine requirements	
	Pressure @ Idle (b)	Drive	55	60
		L2	80	87
		L1	80	87
		Reverse	84	91
Converter Assembly	Pump (Drive member)		Multivane type, sheet metal blade spot welded to steel pump housing that is an integral part of the converter housing	
	Turbine (Driven member)		Steel axial flow blades assembled between inner & outer steel shells	
	Stator assembly		Aluminum multivane type blades mounted on a one way (overrunning) roller clutch	
	Stall ratio		2.00	
	Stall speed (RPM)		2110	
	Diameter (nominal)		11.75	
Planetary Gear Set	Reaction carrier assembly		4 steel pinion gears	
	Output carrier assembly		4 steel pinion gears	
	Intermediate band		Circular steel with organic lining	
	Range	D (Drive)	2.52:1 - 1.52:1 - 1.00:1	
		L2 (Low two)	2.52:1 - 1.52:1	
		L1 (Low one)	2.52:1	
		R (Reverse)	1.93:1	
	Servo Unit		Piston with release spring and inner cushion spring	
Case	Material		Aluminum	
Clutches	Type		Three, multiple disk	Four, multiple disk
	Material	Drive plates	Steel with bonded organic facings	
		Driven plates	Flat steel	
	Forward clutch		4 ea. drive & driven plates	5 ea. drive & driven plates
	Direct clutch		3 ea. drive & driven plates	4 ea. drive & driven plates
	Intermediate clutch			3 ea. drive & driven plates
	Low & Reverse clutch		4 ea. drive & driven plates	5 ea. drive & driven plates
	Release spring		Radial row steel coil	
Torque Multiplication	Drive (maximum)		5.04:1 to 1.00	
	Low 2		5.04:1 to 1.52	
	Low 1		5.04:1 to 2.52	
	Reverse		3.86:1 to 1.94	
Governor	Type		Cross-axis centrifugal	
	Operation		Regulates a pressure proportional to car speed which acts upon the (1-2) (2-3) shift and modulator valves	
Lubricant	Type		Dexron II	
	Capacity (pints)	Dry	20	
		Refill	8	

(a) Floor mounted available as an option, quadrant changes to P-R-N-3-2-1.
(b) Conditions: 450 RPM input

ALPHABETICAL OPTION INDEX

(Not for ordering purposes)

Option Number	Description
AK1	BELTS, DELUXE: Color-Keyed Seat and Shoulder
AN6	SEAT BACK, ADJUSTABLE DRIVER'S
AU3	DOOR LOCK SYSTEM, POWER
A01	GLASS, TINTED: All Windows
A31	WINDOWS, POWER
B3W	PRELIMINARY PRICE INFORMATION
B37	FLOOR COVERING: Mats, Color-Keyed Floor, Front and Rear
B80	MOLDINGS: Roof Drip
B84	MOLDINGS: Body Side
B93	MOLDINGS: Door Edge Guard
CC1	ROOF PANELS: Removable Glass
CD4	WINDSHIELD WIPER SYSTEM: Intermittent
C49	DEFOGGER, REAR WINDOW: Electric
C60	AIR CONDITIONING
D35	MIRRORS: Sport, LH Remote and RH Manual
D55	CONSOLE
D60	NON-RECOMMENDED COLOR COMBINATION
D80	SPOILER: Rear
F41	SUSPENSION EQUIPMENT: Suspension, Sport
G80	AXLE, REAR: Limited Slip Differential
G92	AXLE, REAR: Performance Ratio
J50	BRAKES, POWER
K30	SPEED CONTROL: Automatic
LG3	ENGINE: 5.0 Litre 2 BBL V8
LM1	ENGINE: 5.7 Litre 4 BBL V8
L22	ENGINE: 4.1 Litre 1 BBL L6
MM3	TRANSMISSION: 3-Speed Manual
MM4	TRANSMISSION: 4-Speed Manual
MX1	TRANSMISSION: Automatic
M21	TRANSMISSION: 4-Speed Close-Ratio Manual
NA5	EMISSION SYSTEM: Standard Emission Equipment
NA6	EMISSION SYSTEM: High Altitude Emission Equipment
N33	STEERING WHEEL: Comfortilt
N65	STOWAWAY SPARE TIRE
N90	WHEEL TRIM: Wheels, Aluminum

Option Number	Description
PE1	WHEEL TRIM: Wheels, Custom Styled
P01	WHEEL TRIM: Wheel Covers, Full
QBT	TIRES: FR78-14/B White Lettered (Radial)
QDV	TIRES: FR78-14/B Blackwall (Radial)
QDW	TIRES: FR78-14/B White Stripe (Radial)
QEG	TIRES: E78-14/B Blackwall (Bias Belted)
QEH	TIRES: E78-14/B White Stripe (Bias Belted)
TR9	LIGHTING, AUXILIARY
UA1	BATTERY, HEAVY-DUTY
UM1	RADIO EQUIPMENT: AM Radio with 8-Track Stereo Tape
UM2	RADIO EQUIPMENT: AM/FM Stereo Radio with 8-Track Stereo Tape
UN3	RADIO EQUIPMENT: AM/FM Stereo Radio with Stereo Cassette Tape
UP5	RADIO EQUIPMENT: AM/FM/Citizens Band Radio with Power Antenna
UP6	RADIO EQUIPMENT: AM/FM Stereo/ Citizens Band Radio with Power Antenna
UY8	RADIO EQUIPMENT: AM/FM Stereo Radio with Digital Clock Display
U05	HORNS, DUAL
U14	INSTRUMENTATION: Special
U35	CLOCK: Electric
U58	RADIO EQUIPMENT: AM/FM Stereo Radio
U63	RADIO EQUIPMENT: AM Radio
U69	RADIO EQUIPMENT: AM/FM Radio
U75	RADIO EQUIPMENT: Power Antenna
U76	RADIO EQUIPMENT: Windshield Antenna
U80	RADIO EQUIPMENT: Speaker, Rear Seat
V01	RADIATOR, HEAVY-DUTY
YF5	EMISSION SYSTEM: California Emission Requirements
ZJ7	WHEEL TRIM: Wheels, Rally, Color-Keyed
Z21	STYLE TRIM GROUP
Z28	SPORT (Model Option)
Z54	INTERIOR DECOR/QUIET SOUND GROUP
Z85	RALLY SPORT (Model Option)

SPORT ROOF SELECTION

Vinyl Roof	Code	Exterior Color Availability Recommended	Acceptable
Beige	UU	61, 63 or 69	11 or 19
Black	BB	11, 15, 19, 24, 51, 61 or 75	22, 29, 40, 44, 63 or 77
Blue, Light (Met)	DD	11, 19, 22 or 29	
Carmine, Dark (Met)	RR	77	
Green, Light	GG	40 or 44	
Silver	QQ	15 or 19	24, 29 or 77
White	WW	All except 15	15

COLOR AND TRIM SELECTION

PLEASE NOTE: The exterior and interior combinations shown in the chart below and designated as recommended (R), represent the ideal combinations. Those that are shown as acceptable (A), are attractive, but less desirable than the recommended combinations.
The exterior and interior color combinations shown below are the only combinations that are available. (D60 Non-Recommended Color Combination not permitted)

Seat, Headliner and Door Trim Color			Black	Blue	Camel	Carmine	Green	Oyster
Instrument Panel Pad and Carpet Color			Black	Blue	Camel	Carmine	Green	Gray
MODEL	SEAT TYPE							
1FS87	Custom Vinyl Bucket		XBB2	XDD2	XCC2	XRR2		
1FS87	Custom Knit Cloth Bucket		SBB2	SDD2	SCC2	SRR2	SGG2	SWW2
EXTERIOR PAINT COLOR	COLOR CODE L	U						
Beige	61	61	R		R	A		
Black	19	19	R	R	R	R		R
Blue, Bright (Met)	24	24	R	A				R
Blue, Dark (Met)	29	29	A	R	A			A
Blue, Light (Met)	22	22	A	R				A
Brown, Dark (Met)	69	69	A		R			A
Camel (Met)	63	63	A		R			
Carmine (Met)	77	77	A		A	R		A
Green, Light	40	40	A				R	
Green, Medium (Met)	44	44	A				R	
Red	75	75	R		A	A		R
Silver	15	15	R			R		R
White	11	11	R	R	R	R	R	R
Yellow, Bright	51	51	R		A			R

L = Lower U = Upper

STANDARD PIN STRIPE COLORS

Beige	61	Gold		Gold	Gold		
Black	19	Silver	Blue	Gold	Red		Silver
Blue, Bright (Met)	24	Silver	Silver				Silver
Blue, Dark (Met)	29	Blue	Blue	Gold			Blue
Blue, Light (Met)	22	Silver	Silver				Silver
Brown, Dark (Met)	69	Gold		Gold			Gold
Camel (Met)	63	Gold		Gold			
Carmine (Met)	77	Gold		Gold	Gold		Gold
Green, Light	40	Green				Green	
Green, Medium (Met)	44	Green				Green	
Red	75	Gold		Gold	Gold		Gold
Silver	15	Black			Red		Red
White	11	Black	Blue	Gold	Red	Green	Silver
Yellow, Bright	51	Black		Black			Black

POWER TEAMS *(Refer to next page for option availability and application)*

ENGINE OPTION CONDITION		AXLE RATIO 2.41	2.56	2.73	3.08
WITHOUT YF5 CALIFORNIA OR NA6 HIGH ALTITUDE EMISSIONS					
L22	MM3 or MX1	—	Std	—	—
LG3	MM4	—	—	—	Std
	MX1	Std	—	—	—
LM1	MM4	—	—	—	Std
	MX1	Std	—	—	G92
WITH YF5 CALIFORNIA EMISSIONS					
L22	MX1	—	—	Std	—
LG3	MX1	Std	—	—	—
LM1	MX1	Std	—	—	G92
WITH NA6 HIGH ALTITUDE EMISSIONS					
LM1	MX1	—	—	—	Std

MODEL
1FS87 Camaro Berlinetta Coupe

MUST ORDER ONE: ***ENGINES***

AVAILABLE WITH NA5 STANDARD EMISSION EQUIPMENT

_______ L22 4.1 Litre 1 BBL L6
_______ LG3 5.0 Litre 2 BBL V8 (Reqs J50 Brakes)
_______ LM1 5.7 Litre 4 BBL V8 (Reqs J50 Brakes)

AVAILABLE WITH NA6 HIGH ALTITUDE EMISSION EQUIPMENT
(Recommended Above 4000 Foot Altitude)

_______ LM1 5.7 Litre 4 BBL V8 (Reqs MX1 Trans and J50 Brakes)

CALIFORNIA EMISSION REQUIREMENTS (REQS YF5)

_______ L22 4.1 Litre 1 BBL L6 (Reqs MX1 Trans)
_______ LG3 5.0 Litre 2 BBL V8 (Reqs MX1 Trans and J50 Brakes)
_______ LM1 5.7 Litre 4 BBL V8 (Reqs MX1 Trans and J50 Brakes)

QUICK-SPEC

IF TIRE AND/OR TRANSMISSION IN QUICK-SPEC IS NOT DESIRED YOU MUST "PLUS" ANOTHER TIRE AND/OR TRANSMISSION OPTION.

		543C	544B	545C	546C	547C
Air Conditioning	C60	x	x	x	x	x
Brakes, Power	J50	x	x	x	x	x
Console	D55	x	x	x	x	x
Glass, Tinted	A01	x	x	x	x	x
Moldings, Body Side	B84	x	x	x	x	x
Radio, AM	U63	x	N/I	N/I	N/I	N/I
Steering Wheel, Comfortilt	N33	x	x	x	x	x
Style Trim Group	Z21	x	x	x	x	x
Tires, FR78-14/B White Stripe	QDW	x	x	x	x	x
Transmission, Automatic	MX1	x	x	x	x	x
Belts, Deluxe (w/o Black Trim)	AK1		x	x	x	x
Defogger, Rear Window Electric	C49		x	x	x	x
Mats, Color-Keyed Floor	B37		x	x	x	x
Moldings, Door Edge Guard	B93		x	x	x	x
Radio, AM/FM	U69		x	N/I	N/I	N/I
Speaker, Rear Seat	U80		x	N/I	N/I	N/I
Lighting, Auxiliary	TR9			x	x	x
Radio, AM/FM Stereo	U58			x	N/I	N/I
Speed Control (w/MX1 Trans Only)	K30			x	x	x
Stowaway Spare Tire	N65			x	x	x
Windows, Power	A31			x	x	x
Door Lock System, Power	AU3				x	x
Power Antenna	U75				x	x
Radio, AM/FM Stero w/8-Track Stereo Tape	UM2				x	N/I
Spoiler, Rear	D80				x	x
W/S Wiper System, Intermittent	CD4				x	x
✓ Radio, AM/FM Stereo w/Stereo Cassette Tape	UN3					x
Seat Back, Adjustable	AN6					x
Wheels, Aluminum	N90					x

PLEASE REVIEW OPTION RESTRICTIONS BEFORE ORDERING

Q-S	OPTION	
543	C60	**AIR CONDITIONING:** *(Incls V01 Rad w/L22 Eng)*
		AXLES, REAR:
___	G92	— Performance Ratio *(See Power Teams Chart) (Reqs LM1 Eng and MX1 Trans) (N/A NA6)*
___	G80	— Limited Slip Differential
___	UA1	**BATTERY, HEAVY-DUTY**
544	AK1	**BELTS, DELUXE:** Color-Keyed Seat and Shoulder *(N/A Black Interior Trim)*
543	J50	**BRAKES, POWER**
543	D55	**CONSOLE**
544	C49	**DEFOGGER, REAR WINDOW:** Electric
546	AU3	**DOOR LOCK SYSTEM, POWER**
		EMISSION SYSTEMS: ***(Must Order Only One)*** *(See Power Teams Chart)*
___	YF5	— California Emission Requirements
___	NA6	— High Altitude Emission Equipment
___	NA5	— Standard Emission Equipment
544	B37	**FLOOR COVERING:** Mats, Color-Keyed Floor, Front and Rear
543	A01	**GLASS, TINTED:** All Windows
545	TR9	**LIGHTING, AUXILIARY**
		MOLDINGS:
543	B84	— Body Side
544	B93	— Door Edge Guards
___	B80	— Roof Drip *(Incl w/Z21 Style Trim or Sport Roof)*
___	B3W	**PRELIMINARY PRICE INFORMATION**
___	V01	**RADIATOR, HEAVY-DUTY:** *(Incl w/C60 Air w/L22 Eng)*
		RADIO EQUIPMENT:
543	U63	— AM Radio
544	U69	— AM/FM Radio
545	U58	— AM/FM Stereo Radio *(Reqs N65 Spare)*
___	UM1	— AM Radio w/8-Track Stereo Tape *(Reqs N65 Spare)*
546	UM2	— AM/FM Stereo Radio w/8-Track Stereo Tape *(Reqs N65 Spare)*
547	UN3	— AM/FM Stereo Radio w/Stereo Cassette Tape *(Reqs N65 Spare)*
___	UP5	— AM/FM/Citizens Band Radio w/Power Antenna *(Reqs U80 Speaker)*
___	UP6	— AM/FM Stereo/Citizens Band Radio w/Power Antenna *(Reqs N65 Spare)*
___	UY8	— AM/FM Stereo Radio w/Digital Clock Display *(Reqs N65 Spare)*
544	U80	— Speaker, Rear Seat *(Reqs U63, U69 or UP5 Radio)*
___	U76	— Windshield Antenna *(N/A UP5 or UP6 Radio) (Incl w/Above Radio Equip w/o U75 Antenna)*
546	U75	— Power Antenna *(Reqs U63, U69, U58, UM1, UM2, UN3 or UY8 Radio) (N/A U76 Antenna, UP5 or UP6 Radio)*
___	. . .	**ROOF, SPORT:** *(See Sport Roof Chart)*
___	CC1	**ROOF PANELS:** Removable Glass *(Reqs N65 Stowaway Spare) (N/A Sport Roof)*
547	AN6	**SEAT BACK, ADJUSTABLE DRIVERS**
545	K30	**SPEED CONTROL:** Automatic *(Reqs MX1 Trans and J50 Brakes) (N/A YF5 Calif w/L22 Eng)*
546	D80	**SPOILER:** Rear
543	N33	**STEERING WHEEL:** Comfortilt
545	N65	**STOWAWAY SPARE TIRE:** *(Incl w/N90 Wheels)*
543	Z21	**STYLE TRIM GROUP:** *(Incls B80 Mldgs)*
		TIRES: *(W/S: White Stripe, W/L: White Lettered)* Steel Belted Radial Ply *(14/B)*
543	QDW	— FR78 W/S *(Base)*
___	QBT	— FR78 W/L
		TRANSMISSIONS: *(See Power Teams Chart)*
___	MM3	— 3-Speed Manual *(Reqs L22 Eng)*
___	MM4	— 4-Speed Manual *(N/A L22 Eng)*
543	MX1	— Automatic *(Reqs D55 Console)*
547	N90	**WHEEL TRIM:** Wheels, Aluminum. *(Incls N65 Spare) (Refer Page 10 for Wheel Color Application)*
545	A31	**WINDOWS:** Power *(Reqs D55 Console)*
546	CD4	**WINDSHIELD WIPER SYSTEM:** Intermittent

COLOR AND TRIM SELECTION

PLEASE NOTE: The exterior and interior combinations shown in the chart below and designated as recommended (R), represent the ideal combinations. Those that are shown as acceptable (A), are attractive, but less desirable than the recommended combinations.
The Exterior and Interior Color Combinations shown below are the only combinations that are available. (D60 Non-Recommended Color Combination not permitted)

Seat, Headliner and Door Trim Color			Black	Blue	Camel	Carmine	Green	Oyster
Instrument Panel Pad and Carpet Color			Black	Blue	Camel	Carmine	Green	Gray
MODEL	**SEAT TYPE**							
1FQ87-Z85	Vinyl Bucket		VBB2	VDD2	VCC2	VRR2	VGG2	
	Custom Vinyl Bucket		XBB2	XDD2	XCC2	XRR2		
	Sport Cloth Bucket		JBB2	JDD2	JCC2	JRR2		
	Custom Knit Cloth Bucket		SBB2	SDD2	SCC2	SRR2	SGG2	SWW2
EXTERIOR PAINT COLOR	**COLOR CODE L**	**U**						
Beige/Camel	61	63	R		R	A		
Blue, Light/Blue, Dk	22	29	A	R				A
Red/Black	75	19	R		A	A		R
Silver/Black	15	19	R			R		R
White/Black	11	19	R	R	R	R	R	R
Yellow, Bright/Black	51	19	R		A			R

L = Lower U = Upper

POWER TEAMS

(Refer to next page for option availability and application)

ENGINE OPTION CONDITION		AXLE RATIO 2.41	2.56	2.73	3.08
WITHOUT YF5 CALIFORNIA OR NA6 HIGH ALTITUDE EMISSIONS					
L22	MM3 or MX1	—	Std	—	—
LG3	MM4	—	—	—	Std
	MX1	Std	—	—	—
LM1	MM4	—	—	—	Std
	MX1	Std	—	—	G92
WITH YF5 CALIFORNIA EMISSIONS					
L22	MX1	—	—	Std	—
LG3	MX1	Std	—	—	—
LM1	MX1	Std	—	—	G92
WITH NA6 HIGH ALTITUDE EMISSIONS					
LM1	MX1	—	—	—	Std

CAMARO RALLY SPORT COUPE

REFER WEEKLY STOPS LATEST UPDATE

MODEL

1FQ87/Z85 — Camaro Rally Sport Coupe

______ Z85 — Rally Sport (Incls Sport Mir, Rear Spoiler and Rally Wheels) (Refer Page 4 for Exterior Paint Availability)

MUST ORDER ONE: **ENGINES**

AVAILABLE WITH NA5 STANDARD EMISSION EQUIPMENT

- ______ L22 4.1 Litre 1 BBL L6
- ______ LG3 5.0 Litre 2 BBL V8 (Reqs J50 Brakes)
- ______ LM1 5.7 Litre 4 BBL V8 (Reqs J50 Brakes)

AVAILABLE WITH NA6 HIGH ALTITUDE EMISSION EQUIPMENT ***(Recommended Above 4000 Foot Altitude)***

- ______ LM1 5.7 Litre 4 BBL V8 (Reqs MX1 Trans and J50 Brakes)

CALIFORNIA EMISSION REQUIREMENTS *(REQS YF5)*

- ______ L22 4.1 Litre 1 BBL L6 (Reqs MX1 Trans)
- ______ LG3 5.0 Litre 2 BBL V8 (Reqs MX1 Trans and J50 Brakes)
- ______ LM1 5.7 Litre 4 BBL V8 (Reqs MX1 Trans and J50 Brakes)

✓QUICK-SPEC

IF TIRE AND/OR TRANSMISSION IN QUICK-SPEC IS NOT DESIRED YOU MUST "PLUS" ANOTHER TIRE AND/OR TRANSMISSION OPTION.

		550C	551C	552C	553C	554C
Rally Sport	Z85	x	x	x	x	x
Air Conditioning	C60	x	x	x	x	x
Brakes, Power	J50	x	x	x	x	x
Console	D55	x	x	x	x	x
Glass, Tinted	A01	x	x	x	x	x
Molding, Roof Drip	B80	x	N/I	N/I	N/I	N/I
Radio, AM	U63	x	x	N/I	N/I	N/I
Suspension, Sport	F41	x	x	x	x	x
Tires, FR78-14/B White Stripe	QDW	x	x	x	x	x
Transmission, Automatic	MX1	x	x	x	x	x
Belts, Deluxe (w/o Black Trim)	AK1		x	x	x	x
Clock, Electric	U35		x	x	x	N/I
Defogger, Rear Window Electric	C49		x	x	x	x
Mats, Color-Keyed Floor	B37		x	x	x	x
Moldings, Body Side	B84		x	x	x	x
Steering Wheel, Comfortilt	N33		x	x	x	x
Style Trim Group	Z21		x	x	x	x
Interior Decor/Quiet Sound Group	Z54			x	x	x
Lighting, Auxiliary	TR9			x	x	x
Moldings, Door Edge Guard	B93			x	x	x
Radio, AM/FM	U69			x	N/I	N/I
Speaker, Rear Seat	U80			x	N/I	N/I
Windows, Power	A31			x	x	x
Door Lock System, Power	AU3				x	x
Horns, Dual	U05				x	x
Radio, AM FM Stereo	U58				x	N/I
Speed Control (w/MX1 Trans Only)	K30				x	x
Stowaway Spare Tire	N65				x	x
W/S Wiper System, Intermittent	CD4				x	x
Instrumentation, Special	U14					x
Radio, AM FM Stereo w/8-Track Stereo Tape	UM2					x
Wheels, Custom Styled	PE1					x

PLEASE REVIEW OPTION RESTRICTIONS BEFORE ORDERING

✓Q-S	OPTION	
550	C60	**AIR CONDITIONING** *(Incls V01 Rad w/L22 Eng)*
		AXLES, REAR:
——	G92	— Performance Ratio *(See Power Teams Chart) (Reqs LM1 Eng and MX1 Trans) (N/A NA6 Emission)*
——	G80	— Limited Slip Differential
——	UA1	**BATTERY, HEAVY-DUTY**
551	AK1	**BELTS, DELUXE:** Color-Keyed Seat and Shoulder *(N/A Black Interior Trim)*
550	J50	**BRAKES, POWER**
551	U35	**CLOCK:** Electric *(N/A UY8 Radio) (Incl w/U14 Inst w/o UY8 Radio)*
550	D55	**CONSOLE:**
551	C49	**DEFOGGER, REAR WINDOW:** Electric
553	AU3	**DOOR LOCK SYSTEM, POWER**
		EMISSION SYSTEMS: *(Must Order Only One)* *(See Power Teams Chart)*
——	YF5	— California Emission Requirements
——	NA6	— High Altitude Emission Equipment
——	NA5	— Standard Emission Equipment
551	B37	**FLOOR COVERING:** Mats, Color-Keyed Floor, Front and Rear
550	A01	**GLASS, TINTED:** All Windows
553	U05	**HORNS, DUAL**
554	U14	**INSTRUMENTATION:** Special *(Incls U35 Clock w/o UY8 Radio)*
552	Z54	**INTERIOR DECOR/QUIET SOUND GROUP:** *(Incl w/Custom Trim)*
552	TR9	**LIGHTING, AUXILIARY**
		MOLDINGS:
551	B84	— Body Side
552	B93	— Door Edge Guards
550	B80	— Roof Drip *(Incl w/Z21 Style Trim)*
——	B3W	**PRELIMINARY PRICE INFORMATION**
——	V01	**RADIATOR, HEAVY-DUTY:** *(Incl w/C60 Air w/L22 Eng)*
		✓**RADIO EQUIPMENT:**
550	U63	— AM Radio
552	U69	— AM/FM Radio
553	U58	— AM/FM Stereo Radio *(Reqs N65 Spare)*
——	UM1	— AM/Radio w/8-Track Stereo Tape *(Reqs N65 Spare)*
554	UM2	— AM/FM Stereo Radio w/8-Track Stereo Tape *(Reqs N65 Spare)*
——	UN3	— AM/FM Stereo Radio w/Stereo Cassette Tape *(Reqs N65 Spare)*
——	UP5	— AM/FM/Citizens Band Radio w/Power Antenna *(Reqs U80 Speaker)*
——	UP6	— AM/FM Stereo/Citizens Band Radio w/Power Antenna *(Req N65 Spare)*
——	UY8	— AM/FM Stereo Radio w/Digital Clock Display *(N/A U35 Clock) (Reqs N65 Spare)*
552	U80	— Speaker, Rear Seat *(Reqs U63, U69 or UP5 Radio)*
——	U76	— Windshield Antenna *(N/A UP5 or UP6 Radio) (Incl w/Above Radio Equip w/o U75 Antenna)*
——	U75	— Power Antenna *(Reqs U63, U69, U58, UM1, UM2, UN3 or UY8 Radio) (N/A U76 Antenna, UP5 or UP6 Radio)*
——	CC1	**ROOF PANELS:** Removable Glass *(Reqs N65 Stowaway Spare)*
——	AN6	**SEAT BACK, ADJUSTABLE DRIVER'S**
553	K30	**SPEED CONTROL:** Automatic *(Reqs MX1 Trans and J50 Brakes) (N/A YF5 Calif w/L22 Eng)*
551	N33	**STEERING WHEEL:** Comfortilt
553	N65	**STOWAWAY SPARE TIRE:** *(Incl w/N90 Wheels)*
551	Z21	**STYLE TRIM GROUP:** *(Incls B80 Mldgs)*
550	F41	**SUSPENSION EQUIPMENT:** Suspension, Sport
		TIRES: *(B/W: Blackwall, W/S: White Stripe, W/L: White Lettered)* Steel Belted Radial Ply *(14/B)*
——	QDV	— FR78 B/W *(Base)*
550	QDW	— FR78 W/S
——	QBT	— FR78 W/L
		TRANSMISSION: *(See Power Teams Chart)*
——	MM3	— 3-Speed Manual *(Reqs L22 Eng)*
——	MM4	— 4-Speed Manual *(N/A L22 Eng)*
550	MX1	— Automatic *(Reqs D55 Console)*
		WHEEL TRIM:
——	N90	Wheels, Aluminum *(Incls N65 Spare) (Refer Page 10 for Wheel Color Application)*
554	PE1	— Wheels, Custom Styled
552	A31	✓**WINDOWS:** Power *(Reqs D55 Console)*
553	CD4	**WINDSHIELD WIPER SYSTEM:** Intermittent

SPORT ROOF SELECTION

Vinyl Roof	Code	Exterior Color Availability: Recommended	Acceptable
Beige	UU	61, 63 or 69	11 or 19
Black	BB	11, 15, 19, 24, 51, 61 or 75	22, 29, 40, 44, 63 or 77
Blue, Light (Met)	DD	11, 19, 22 or 29	
Carmine, Dark (Met)	RR	77	
Green, Light	GG	40 or 44	
Silver	QQ	15 or 19	24, 29 or 77
White	WW	All except 15	15

COLOR AND TRIM SELECTION

PLEASE NOTE: The exterior and interior combinations shown in the chart below and designated as recommended (R), represent the ideal combinations. Those that are shown as acceptable (A), are attractive, but less desirable than the recommended combinations. Orders for additional combinations may be submitted, provided the dealer checks the appropriate order form box (D60), as verification that the requested combination is definitely desired. **CAUTION:** Please utilize available color samples when ordering, especially when adding a third color element (Vinyl Top, Exterior Color, Interior Trim) in order to avoid undesirable combinations.

Seat, Headliner and Door Trim Color		Black	Blue	Camel	Carmine	Green	Oyster
Instrument Panel Pad and Carpet Color		Black	Blue	Camel	Carmine	Green	Gray
MODEL	**SEAT TYPE**						
1FQ87	Vinyl Bucket	VBB2	VDD2	VCC2	VRR2	VGG2	
	Custom Vinyl Bucket	*XBB2	*XDD2	*XCC2	*XRR2		
	Sport Cloth Bucket	JBB2	JDD2	JCC2	JRR2		
	Custom Knit Cloth Bucket	*SBB2	*SDD2	*SCC2	*SRR2	*SGG2	*SWW2

*Reqs D35 Sport Mirrors

EXTERIOR PAINT COLOR	COLOR CODE L	U	Black	Blue	Camel	Carmine	Green	Oyster
Beige	61	61	R		R	A	R	
Black	19	19	R	R	R	R	R	R
Blue, Bright (Met)	24	24	R	A	A			R
Blue, Dark (Met)	29	29	A	R	A			A
Blue, Light (Met)	22	22	A	R				A
Brown, Dark (Met)	69	69	A		R			A
Camel (Met)	63	63	A		R			A
Carmine (Met)	77	77	A		A	R		A
Green, Light	40	40	A		A		R	
Green, Medium (Met)	44	44	A		A		R	
Red	75	75	R		A	A		R
Silver	15	15	R			R		R
White	11	11	R	R	R	R	R	R
Yellow, Bright	51	51	R		A			R

L = Lower U = Upper

POWER TEAMS

(Refer to next page for option availability and application)

ENGINE OPTION CONDITION		AXLE RATIO 2.41	2.56	2.73	3.08
WITHOUT YF5 CALIFORNIA OR NA6 HIGH ALTITUDE EMISSIONS					
L22	MM3 or MX1	—	Std	—	—
LG3	MM4	—	—	—	Std
	MX1	Std	—	—	—
LM1	MM4	—	—	—	Std
	MX1	Std	—	—	G92
WITH YF5 CALIFORNIA EMISSIONS					
L22	MX1	—	—	Std	—
LG3	MX1	Std	—	—	—
LM1	MX1	Std	—	—	G92
WITH NA6 HIGH ALTITUDE EMISSIONS					
LM1	MX1	—	—	—	Std

MODEL
1FQ87 Camaro Sport Coupe

MUST ORDER ONE: *ENGINES*

AVAILABLE WITH NA5 STANDARD EMISSION EQUIPMENT
_______ L22 4.1 Litre 1 BBL L6
_______ LG3 5.0 Litre 2 BBL V8 (Reqs J50 Brakes)
_______ LM1 5.7 Litre 4 BBL V8 (Reqs J50 Brakes)

AVAILABLE WITH NA6 HIGH ALTITUDE EMISSION EQUIPMENT
(Recommended Above 4000 Foot Altitude)
_______ LM1 5.7 Litre 4 BBL V8 (Reqs MX1 Trans and J50 Brakes)

CALIFORNIA EMISSION REQUIREMENTS *(REQS YF5)*
_______ L22 4.1 Litre 1 BBL L6 (Reqs MX1 Trans)
_______ LG3 5.0 Litre 2 BBL V8 (Reqs MX1 Trans and J50 Brakes)
_______ LM1 5.7 Litre 4 BBL V8 (Reqs MX1 Trans and J50 Brakes)

✓ QUICK-SPEC

IF TIRE AND/OR TRANSMISSION IN QUICK-SPEC IS NOT DESIRED YOU **MUST** "PLUS" ANOTHER TIRE AND/OR TRANSMISSION OPTION.		565B	566B	567A	568B	569B
Air Conditioning	C60	x	x	x	x	x
Brakes, Power	J50	x	x	x	x	x
Console	D55	x	x	x	x	x
Glass, Tinted	A01	x	x	x	x	x
Mirrors, Sport LH Remote and RH Manual	D35	x	x	x	x	x
Molding, Roof Drip	B80	x	N/I	N/I	N/I	N/I
Radio, AM	U63	x	x	N/I	N/I	N/I
Tires, FR78-14/B White Stripe	QDW	x	x	x	x	x
Transmission, Automatic	MX1	x	x	x	x	x
Wheels, Rally	ZJ7	x	x	x	x	N/I
Belts, Deluxe (w/o Black Trim)	AK1		x	x	x	x
Clock, Electric	U35		x	x	x	N/I
Defogger, Rear Window Electric	C49		x	x	x	x
Mats, Color-Keyed Floor	B37		x	x	x	x
Moldings, Body Side	B84		x	x	x	x
Steering Wheel, Comfortilt	N33		x	x	x	x
Style Trim Group	Z21		x	x	x	x
Interior Decor/Quiet Sound Group	Z54			x	x	x
Lighting, Auxiliary	TR9			x	x	x
Moldings, Door Edge Guard	B93			x	x	x
Radio, AM/FM	U69			x	N/I	N/I
Speaker, Rear Seat	U80			x	N/I	N/I
Door Lock System, Power	AU3				x	x
Horns, Dual	U05				x	x
Radio, AM/FM Stereo	U58				x	N/I
Speed Control (w/MX1 Trans Only)	K30				x	x
Spoiler, Rear	D80				x	x
Stowaway Spare Tire	N65				x	x
Windows, Power	A31				x	x
W/S Wiper System, Intermittent	CD4				x	x
Instrumentation, Special	U14					x
Radio, AM/FM Stereo w/8-Track Stereo Tape	UM2					x
Suspension, Sport	F41					x
Wheels, Custom Styled	PE1					x

PLEASE REVIEW OPTION RESTRICTIONS BEFORE ORDERING

✓Q-S	OPTION	
565	C60	**AIR CONDITIONING:** *(Incls V01 Rad w/L22 Eng)*
		AXLES, REAR:
—	G92	— Performance Ratio *(Reqs LM1 Eng and MX1) (N/A NA6 Emission)*
—	G80	— Limited Slip Differential
—	UA1	**BATTERY, HEAVY-DUTY**
566	AK1	**BELTS, DELUXE:** Color-Keyed Seat and Shoulder *(N/A Black Interior Trim)*

PLEASE REVIEW OPTION RESTRICTIONS BEFORE ORDERING

✓Q-S	OPTION	
565	J50	**BRAKES, POWER**
566	U35	**CLOCK:** Electric *(N/A UY8 Radio) (Incl w/U14 Inst w/o UY8 Radio)*
565	D55	**CONSOLE**
566	C49	**DEFOGGER, REAR WINDOW:** Electric
568	AU3	**DOOR LOCK SYSTEM, POWER**
		EMISSION SYSTEMS: ***(Must Order Only One)*** *(See Power Teams Chart)*
—	YF5	— California Emission Requirements
—	NA6	— High Altitude Emission Equipment
—	NA5	— Standard Emission Equipment
566	B37	**FLOOR COVERING:** Mats, Color-Keyed Floor, Front and Rear
565	A01	**GLASS, TINTED:** All Windows
568	U05	**HORNS, DUAL**
569	U14	**INSTRUMENTATION:** Special *(Incls U35 Clock w/o UY8 Radio)*
567	Z54	**INTERIOR DECOR/QUIET SOUND GROUP:** *(Incl w/Custom Trim)*
567	TR9	**LIGHTING, AUXILIARY**
565	D35	**MIRRORS:** Sport, LH Remote and RH Manual
		MOLDINGS:
566	B84	— Body Side
567	B93	— Door Edge Guard
565	B80	— Roof Drip *(Incl w/Z21 Style Trim or SportRoof)*
—	B3W	**PRELIMINARY PRICE INFORMATION**
—	V01	**RADIATOR, HEAVY-DUTY:** *(Incl w/C60 Air w/L22 Eng)*
		✓**RADIO EQUIPMENT:**
565	U63	— AM Radio
567	U69	— AM/FM Radio
568	U58	— AM/FM Stereo Radio *(Reqs N65 Spare)*
—	UM1	— AM Radio w/8-Track Stereo Tape *(Reqs N65 Spare)*
569	UM2	— AM/FM Stereo Radio w/8-Track Stereo Tape *(Reqs N65 Spare)*
—	UN3	— AM/FM Stereo Radio w/Stereo Cassette Tape *(Reqs N65 Spare)*
—	UP5	— AM/FM/Citizens Band Radio w/Power Antenna *(Reqs U80 Speaker)*
—	UP6	— AM/FM Stereo/Citizens Band Radio w/Power Antenna *(Reqs N65 Spare)*
—	UY8	— AM/FM Stereo Radio w/Digital Clock Display *(N/A U35 Clock) (Reqs N65 Spare)*
567	U80	— Speaker, Rear Seat *(Reqs U63, U69 or UP5 Radio)*
—	U76	— Windshield Antenna *(N/A UP5 or UP6 Radio) (Incl w/Above Radio Equip w/o U75 Antenna)*
—	U75	— Power Antenna *(Reqs U63, U69, U58, UM1, UM2, UN3 or UY8 Radio) (N/A U76 Antenna, UP5 or UP6 Radio)*
—	. . .	**ROOF, SPORT:** *(See Sport Roof)*
—	CC1	**ROOF PANELS:** Removable Glass *(Reqs N65 Stowaway Spare) (N/A Sport Roof)*
—	AN6	**SEAT BACK, ADJUSTABLE DRIVER'S**
568	K30	**SPEED CONTROL:** Automatic *(Reqs MX1 Trans and J50 Brakes) (N/A YF5 Calif. w/L22 Eng)*
568	D80	**SPOILER:** Rear
566	N33	**STEERING WHEEL:** Comfortilt
568	N65	**STOWAWAY SPARE TIRE:** *(Incl w/N90 Wheels)*
566	Z21	**STYLE TRIM GROUP:** *(Incls B80 Mldgs)*
569	F41	**SUSPENSION EQUIPMENT:** Sport *(Reqs Radial Tires)*
		TIRES: *(B/W: Blackwall, W/S: White Stripe, W/L: White Lettered)*
		Bias Belted Ply *(14/B)*
—	QEG	— E78 B/W
—	QEH	— E78 W/S
		Steel Belted Radial Ply *(14/B)*
—	QDV	— FR78 B/W *(Base)*
565	QDW	— FR78 W/S
—	QBT	— FR78 W/L
		TRANSMISSIONS: *(See Power Teams Chart)*
—	MM3	— 3-Speed Manual *(Reqs L22 Eng)*
—	MM4	— 4-Speed Manual *(N/A L22 Eng)*
565	MX1	— Automatic *(Reqs D55 Console)*
		WHEEL TRIM: *(Select Only One)*
—	N90	Wheels, Aluminum. (Incls N65 Spare) (Refer page 10 for Wheel Color Application)
—	P01	— Wheel Covers, Full
569	PE1	— Wheels, Custom Styled *(Reqs Radial Tires)*
565	ZJ7	— Wheels, Rally, Color-Keyed *(V8 Eng Reqs Radial Tires)*
568	A31	**WINDOWS:** Power *(Reqs D55 Console)*
568	CD4	**WINDSHIELD WIPER SYSTEM:** Intermittent

COLOR AND TRIM SELECTION

PLEASE NOTE: The exterior and interior combinations shown in the chart below and designated as recommended (R), represent the ideal combinations. Those that are shown as acceptable (A), are attractive, but less desirable than the recommended combinations.
The Exterior and Interior Color Combinations shown below are the only combinations that are available. (D60 Non-Recommended Color Combination not permitted)

Seat, Headliner and Door Trim Color		Black	Blue	Camel	Carmine	Green	Oyster
Instrument Panel Pad and Carpet Color		Black	Blue	Camel	Carmine	Green	Gray
MODEL	**SEAT TYPE**						
1FQ87-Z28	Vinyl Bucket	VBB2	VDD2	VCC2	VRR2	VGG2	
	Custom Vinyl Bucket	XBB2	XDD2	XCC2	XRR2		
	Sport Cloth Bucket	JBB2	JDD2	JCC2	JRR2		
	Custom Knit Cloth Bucket	SBB2	SDD2	SCC2	SRR2	SGG2	SWW2

EXTERIOR PAINT COLOR	COLOR CODE L	COLOR CODE U	Black	Blue	Camel	Carmine	Green	Oyster	Z28 COLOR SCHEME INDENTIFICATION
Beige	61	61	R		R				Gold
Beige	61	61				A			Red
Black	19	19	R		R				Gold
Black	19	19				R		R	Red
Black	19	19					R		Green
Black	19	19		R					Blue
Blue, Bright (Met)	24	24	R	A	A			R	Blue
Blue, Dark (Met)	29	29	A	R				A	Blue
Blue, Dark (Met)	29	29			A				Gold
Blue, Light (Met)	22	22	A	R					Blue
Brown, Dark (Met)	69	69	A		R			A	Gold
Camel (Met)	63	63	A		R			A	Gold
Carmine (Met)	77	77			A	R			Gold
Carmine (Met)	77	77	A					A	Red
Green, Light	40	40	A				R		Green
Green, Medium (Met)	44	44	A				R		Green
Red	75	75	R			A		R	Red
Red	75	75			A				Gold
Silver	15	15	R			R		R	Red
White	11	11	R		R				Gold
White	11	11				R		R	Red
White	11	11					R		Green
White	11	11		R					Blue
Yellow, Bright	51	51	R		A			R	Yellow

L = Lower U = Upper

POWER TEAMS

(Refer to next page for option availability and application)

ENGINE OPTION CONDITION		AXLE RATIO 3.42	AXLE RATIO 3.73
WITHOUT YF5 CALIFORNIA			
LM1	M21	—	Std
	MX1	Std	—
WITH YF5 CALIFORNIA EMISSIONS			
LM1	MX1	Std	—

CAMARO Z28 SPORT COUPE

REFER WEEKLY STOPS LATEST UPDATE

MODEL

1FQ87/Z28 Camaro Z28 Sport Coupe

——— Z28 Sport (Incls Sport Susp, HD Radiator, Sport Mir, Rear Spoiler, Instrumentation, Stowaway Spare, Power Brakes and P225/70 R-15 White Lettered Tires) (Also includes LM1 Eng which **must be specified**)

MUST ORDER ONE: ***ENGINES***

AVAILABLE WITH NA5 STANDARD EMISSION EQUIPMENT

——— LM1 5.7 Litre 4 BBL V8

CALIFORNIA EMISSION REQUIREMENTS *(REQS YF5)*

——— LM1 5.7 Litre 4 BBL V8 (Reqs MX1 Trans)

✔ QUICK SPEC

IF TRANSMISSION IN QUICK-SPEC IS NOT DESIRED YOU MUST "PLUS" ANOTHER TRANSMISSION OPTION.

		560A	561A	562B	563B
Sport	Z28	x	x	x	x
Air Conditioning	C60	x	x	x	x
Console	D55	x	x	x	x
Glass, Tinted	A01	x	x	x	x
Mats, Color-Keyed Floor	B37	x	x	x	x
Molding, Roof Drip	B80	x	N/I	N/I	N/I
Radio, AM	U63	x	N/I	N/I	N/I
Transmission, Automatic	MX1	x	x	x	x
Belts, Deluxe (w/o Black Trim)	AK1		x	x	x
Defogger, Rear Window Electric	C49		x	x	x
Interior Decor/Quiet Sound	Z54		x	x	x
Moldings, Door Edge Guard	B93		x	x	x
Radio, AM/FM	U69		x	N/I	N/I
Steering Wheel, Comfortilt	N33		x	x	x
Speaker, Rear Seat	U80		x	N/I	N/I
Style Trim Group	Z21		x	x	x
Lighting, Auxiliary	TR9			x	x
Radio, AM/FM Stereo	U58			x	N/I
Speed Control (w/MX1 Trans Only)	K30			x	x
Wheels, Aluminum	N90			x	x
Windows, Power	A31			x	x
Door Lock System, Power	AU3				x
Horns, Dual	U05				x
Radio, AM/FM Stereo w/8-Track Stereo Tape	UM2				x
W/S Wiper System, Intermittent	CD4				x

PLEASE REVIEW OPTION RESTRICTIONS BEFORE ORDERING

✔Q-S	OPTION	
560	C60	**AIR CONDITIONING**
——	G80	**AXLE, REAR:** Limited Slip Differential
——	UA1	**BATTERY, HEAVY-DUTY**
561	AK1	**BELTS, DELUXE:** Color-Keyed Seat and Shoulder *(N/A Black Interior Trim)*
560	D55	**CONSOLE**
561	C49	**DEFOGGER, REAR WINDOW:** Electric
563	AU3	**DOOR LOCK SYSTEM, POWER**
		EMISSION SYSTEMS: *(Must Order Only One)* *(See Power Teams Chart)*
——	YF5	— California Emission Requirements
——	NA5	— Standard Emission Equipment
560	B37	**FLOOR COVERING:** Mats, Color-Keyed Floor, Front and Rear
560	A01	**GLASS, TINTED:** All Windows
563	U05	**HORNS, DUAL**
561	Z54	**INTERIOR DECOR/QUIET SOUND GROUP:** *(Incl w/Custom Trim)*
562	TR9	**LIGHTING, AUXILIARY**
		MOLDINGS:
561	B93	— Door Edge Guards
560	B80	— Roof Drip *(Incl w/Z21 Style Trim)*
——	B3W	**PRELIMINARY PRICE INFORMATION**
		✔**RADIO, EQUIPMENT:**
560	U63	— AM Radio
561	U69	— AM/FM Radio
562	U58	— AM/FM Stereo Radio *(Reqs N65 Spare)*
——	UM1	— AM Radio w/8-Track Stereo Tape *(Reqs N65 Spare)*
563	UM2	— AM/FM Stereo Radio w/8-Track Stereo Tape *(Reqs N65 Spare)*
——	UN3	— AM/FM Stereo Radio w/Stereo Cassette Tape *(Reqs N65 Spare)*
——	UP5	— AM/FM/Citizens Band Radio w/Power Antenna *(Reqs U80 Speaker)*
——	UP6	— AM/FM Stereo/Citizens Band Radio w/Power Antenna *(Reqs N65 Spare)*
——	UY8	— AM/FM Stereo Radio w/Digital Clock Display *(Reqs N65 Spare)*
561	U80	— Speaker, Rear Seat *(Reqs U63, U69 or UP5 Radio)*
——	U76	— Windshield Antenna *(N/A UP5 or UP6 Radio) (Incl w/Above Radio Equip w/o U75 Antenna)*
——	U75	— Power Antenna *(Reqs U63, U69, U58, UM1, UM2, UN3 or UY8 Radio) (N/A U76 Antenna, UP5 or UP6 Radio)*
——	CC1	**ROOF PANELS:** Removable Glass
——	AN6	**SEAT BACK, ADJUSTABLE DRIVER'S**
562	K30	**SPEED CONTROL:** Automatic *(Reqs MX1 Trans)*
561	N33	**STEERING WHEEL:** Comfortilt
561	Z21	**STYLE TRIM GROUP:** *(Incls B80 Mldgs)*
		TRANSMISSIONS: *(See Power Teams Chart)*
——	M21	— 4-Speed Close Ratio Manual
560	MX1	— Automatic *(Req D55 Console)*
562	N90	**WHEEL TRIM:** Wheels, Aluminum. *(Refer Page 10 for Wheel Color Application)*
562	A31	**WINDOWS:** Power *(Reqs D55 Console)*
563	CD4	**WINDSHIELD WIPER SYSTEM:** Intermittent

N90 — ALUMINUM WHEEL COLOR APPLICATIONS

WITHOUT Z28

Exterior Paint Color and Code	Wheel Color
Beige 61	Gold
Black 19	Black*
Blue, Bright (Met) 24	Silver
Blue, Dark (Met) 29	Silver*
Blue, Light (Met) 22	Silver
Brown, Dark (Met) 69	Gold
Camel (Met) 63	Gold
Carmine (Met) 77	Gold
Green, Light 40	Silver
Green, Medium (Met) 44	Silver
Red 75	Gold
Silver 15	Silver
White 11	Black
Yellow, Bright 51	Black

*Gold Wheels on IFS87 w Camel Trim

WITH Z28

Exterior Paint Color and Code	Interior Trim					
	Black	Blue	Camel	Carmine	Green	Oyster
Beige 61	Gold		Gold	Gold		
Black 19	Gold	Black	Gold	Black	Black	Black
Blue, Bright (Met) 24	Silver	Silver	Silver			Silver
Blue, Dark (Met) 29	Silver	Silver	Gold			Silver
Blue, Light (Met) 22	Silver	Silver				
Brown, Dark (Met) 69	Gold		Gold			Gold
Camel (Met) 63	Gold		Gold			Gold
Carmine (Met) 77	Gold		Gold	Gold		Gold
Green, Light 40	Silver				Silver	
Green, Medium (Met) 44	Silver				Silver	
Red 75	Gold		Gold	Gold		Gold
Silver 15	Silver			Silver		Silver
White 11	Gold	Silver	Gold	Gold	Silver	Gold
Yellow, Bright 51	Black		Gold			Black

CAMARO

1979 VEHICLES WITH STANDARD EQUIPMENT

Prices shown are effective with vehicles produced on and after July 2, 1979

Description	Model Number	Wheel Base	Dealer Invoice Amount*	Dealer Price	Factory D&H§	List Price	Mfr's Sgt'd Retail Price★	Group Number
◆ **6-Cylinder Engine**								
Sport Coupe	**1FQ87**	108"	4480.50	4377.50	12.90	5150.00	5162.90	6
Rally Sport Coupe	**1FQ87 /Z85**	108"	4836.33	4725.15	12.90	5559.00	5571.90	6
Berlinetta Coupe	**1FS87**	108"	5126.91	5009.05	12.90	5893.00	5905.90	6
◆ **8-Cylinder Engine**								
Z28 Sport Coupe	**1FQ87 /Z28**	108"	5859.45	5724.75	13.35	6735.00	6748.35	6

★ Manufacturer's Suggested Retail Prices do not include applicable destination charges, state and local taxes, license fees, optional equipment or accessories or special items or services.

◆ Refer to Dealer Order Guide for California Requirements.

OPTIONS AND ACCESSORIES WHEN INSTALLED BY CHEVROLET

Prices shown are effective with vehicles produced on and after July 2, 1979

REFER TO DEALER ORDER GUIDE FOR OPTION AVAILABILITY AND APPLICATION

Description	Option Number	Dealer Invoice Amount*	Dealer Price	Factory D&H§	List Price	Mfr's Suggested Retail Price◇
Interior Trim:						
*V**2 Vinyl Bucket Seats*	...		NO ADDITIONAL CHARGE			
*J**2 Sport Cloth Bucket Seats*	...	17.94	17.48	N.A.	23.00	23.00
Custom Interior. Includes glove compartment light and additional instrument cluster lighting, special insulation, Berlinetta type seats, seat trim and door trim.						
*X**2 Custom Vinyl Bucket*						
Berlinetta Coupe	...		NO ADDITIONAL CHARGE			
Sport Coupes	...	239.46	233.32	N.A.	307.00	307.00
*S**2 Custom Knit Cloth Bucket*						
Berlinetta Coupe	...	17.94	17.48	N.A.	23.00	23.00
Sport Coupes	...	257.40	250.80	N.A.	330.00	330.00
Exterior Color:						
Paint, Solid	...		NO ADDITIONAL CHARGE			
Roof Cover, Sport Vinyl	...	87.36	85.12	N.A.	112.00	112.00
Engines: (Refer to Dealer Order Guide for Emission System Requirements)						
4.1 Litre 1 BBL L6	L22		NO ADDITIONAL CHARGE			
5.0 Litre 2 BBL V8	LG3	241.80	235.60	N.A.	310.00	310.00
5.7 Litre 4 BBL V8						
Z28 Sport Coupe	LM1		NO ADDITIONAL CHARGE			
Sport Coupe or Berlinetta Coupe	LM1	362.70	353.40	N.A.	465.00	465.00
Air Conditioning: *Four-Season.*						
Without V8 engine. Also includes V01 radiator	C60	438.36	427.12	N.A.	562.00	562.00
With V8 engine	C60	412.62	402.04	N.A.	529.00	529.00
Axles, Rear:						
Performance Ratio	G92	14.04	13.68	N.A.	18.00	18.00
Limited Slip Differential	G80	49.92	48.64	N.A.	64.00	64.00
Battery, Heavy-Duty	UA1	15.60	15.20	N.A.	20.00	20.00
Belts, Deluxe: *Color-Keyed Seat and Shoulder.* Includes plastic buckles. (Standard belts and plastic buckles are black). Replacing standard number of belts.						
4 seat and 2 front shoulder	AK1	17.94	17.48	N.A.	23.00	23.00
Brakes, Power: Standard on Z28 Sport Coupe	J50	59.28	57.76	N.A.	76.00	76.00
Clock: *Electric.* Standard on Berlinetta Coupe and Z28 Sport Coupe. Included with U14 instrumentation	U35	17.94	17.48	N.A.	23.00	23.00
Defogger, Rear Window: *Electric*	C49	77.22	75.24	N.A.	99.00	99.00
Door Lock System, Power: *Electric*	AU3	67.08	65.36	N.A.	86.00	86.00
Emission Systems:						
California Emission Requirements. Includes all testing, equipment and /or certification necessary for registration in the State of California	YF5	64.74	63.08	N.A.	83.00	83.00
High Altitude Emission Equipment	NA6	27.30	26.60	N.A.	35.00	35.00
Standard Emission System	NA5		NO ADDITIONAL CHARGE			

* Dealer Invoice Amount includes Holdback Amount retained for dealer's account in accordance with Vehicle Terms of Sale Bulletin.

§ Factory D & H Charges reflect provisions for pass through of tire weight tax imposed on manufacturer or importer of tires.

◇ State and local taxes not included.

CAMARO

OPTIONS AND ACCESSORIES WHEN INSTALLED BY CHEVROLET

Prices shown are effective with vehicles produced on and after July 2, 1979

REFER TO DEALER ORDER GUIDE FOR OPTION AVAILABILITY AND APPLICATION

Description	Option Number	Dealer Invoice Amount*	Dealer Price	Factory D&H§	List Price	Mfr's Suggested Retail Price◇
Floor Covering: *Mats, Color-Keyed Floor.* 2 Front and 2 Rear	B37	17.94	17.48	N.A.	23.00	23.00
Glass, Tinted: *All Windows*	A01	49.92	48.64	N.A.	64.00	64.00
Horns, Dual: Standard on Berlinetta Coupe	U05	7.02	6.84	N.A.	9.00	9.00
Instrumentation: *Special.* Standard on Berlinetta Coupe or Z28 Sport Coupe. Includes tachometer, voltmeter and temperature gages. Without UY8 Radio also includes U35 Clock	U14	87.36	85.12	N.A.	112.00	112.00
Interior Decor /Quiet Sound Group: Standard on Berlinetta Coupe. Included with custom trim. Includes glove compartment light and additional instrument cluster lighting plus special engine compartment, hood and interior insulation	Z54	49.92	48.64	N.A.	64.00	64.00
Lighting, Auxiliary: Includes headlight warning buzzer, ashtray, instrument panel courtesy, luggage compartment and underhood lights.						
Sport Coupe without Z54 Interior Decor /Quiet Sound Group or Custom Trim. Also includes glove compartment light.	TR9	28.86	28.12	N.A.	37.00	37.00
Sport Coupe with Z54 Interior Decor /Quiet Sound Group, Custom Trim or Berlinetta Coupe	TR9	24.18	23.56	N.A.	31.00	31.00
Mirrors: *Sport, LH Remote and RH Manual.* Standard on Berlinetta Coupe, Z28 Sport Coupe and Z85 Rally Sport Coupe	D35	33.54	32.68	N.A.	43.00	43.00
Moldings:						
Body Side. Includes black vinyl insert	B84	33.54	32.68	N.A.	43.00	43.00
Door Edge Guard	B93	10.14	9.88	N.A.	13.00	13.00
Roof Drip. Included with vinyl roof or Z21 Style Trim	B80	18.72	18.24	N.A.	24.00	24.00
Radiator, Heavy-Duty: Included with C60 air conditioning with L22 4.1 Litre 1 BBL engine. Standard on Z28	V01	25.74	25.08	N.A.	33.00	33.00
Radio Equipment:						
AM Radio	U63	66.30	64.60	N.A.	85.00	85.00
AM /FM Radio	U69	123.24	120.08	N.A.	158.00	158.00
AM /FM Stereo Radio	U58	180.96	176.32	N.A.	232.00	232.00
AM Radio with 8 Track Stereo Tape	UM1	193.44	188.48	N.A.	248.00	248.00
AM /FM Stereo Radio with 8 Track Stereo Tape	UM2	261.30	254.60	N.A.	335.00	335.00
AM /FM Stereo Radio with Stereo Cassette Tape	UN3	265.98	259.16	N.A.	341.00	341.00
AM /FM /Citizens Band Radio and Power Antenna	UP5	381.42	371.64	N.A.	489.00	489.00
AM /FM Stereo /Citizens Band Radio and Power Antenna	UP6	444.60	433.20	N.A.	570.00	570.00
AM /FM Stereo Radio with Digital Clock Display						
Without Z28 Sport Coupe, Berlinetta Coupe or U14 Instrumentation	UY8	308.10	300.20	N.A.	395.00	395.00
With Z28 Sport Coupe, Berlinetta Coupe or U14 Instrumentation	UY8	290.16	282.72	N.A.	372.00	372.00
Speaker, Rear Seat	U80	19.50	19.00	N.A.	25.00	25.00
Windshield Antenna. Included with radio	U76	21.06	20.52	N.A.	27.00	27.00
Power Antenna	U75	36.66	35.72	N.A.	47.00	47.00
Roof Panels: *Removable Glass*	CC1	510.90	497.80	N.A.	655.00	655.00
Seat Back, Adjustable Driver's: 2 positions	AN6	17.94	17.48	N.A.	23.00	23.00
Speed Control: *Automatic*	K30	80.34	78.28	N.A.	103.00	103.00
Spoiler: *Rear.* Standard on Z28 Sport Coupe and Z85 Rally Sport Coupe	D80	45.24	44.08	N.A.	58.00	58.00
Steering Wheel: *Comfortilt*	N33	58.50	57.00	N.A.	75.00	75.00
Stowaway Spare: Standard on Z28 Sport Coupe	N65		NO ADDITIONAL CHARGE			
Style Trim: Includes bright roof drip, lock pillar, upper fender, hood panel and belt moldings plus colored insert door handles and bright accented parking lights	Z21	56.94	55.48	N.A.	73.00	73.00
Suspension: *Sport.* Standard on Z28 Sport Coupe. Includes larger diameter front stabilizer bar, added rear stabilizer bar and special front and rear shock absorbers	F41	31.98	31.16	N.A.	41.00	41.00

* Dealer Invoice Amount includes Holdback Amount retained for dealer's account in accordance with Vehicle Terms of Sale Bulletin.
§ Factory D & H Charges reflect provisions for pass through of tire weight tax imposed on manufacturer or importer of tires.
◇ State and local taxes not included.

CAMARO

OPTIONS AND ACCESSORIES WHEN INSTALLED BY CHEVROLET

Prices shown are effective with vehicles produced on and after January 2, 1979

REFER TO DEALER ORDER GUIDE FOR OPTION AVAILABILITY AND APPLICATION

Description	Option Number	Dealer Invoice Amount*	Dealer Price	Factory D&H§	List Price	Mfr's Suggested Retail Price◇
Tires:						
E78-14 /B Bias Belted Ply Blackwall						
Without N65 stowaway spare	QEG	(-91.26)	(-88.92)	(-1.95)	(-117.00)	(-118.95)
With N65 stowaway spare	QEG	(-72.54)	(-70.68)	(-1.56)	(-93.00)	(-94.56)
E78-14 /B Bias Belted Ply White Stripe						
Without N65 stowaway spare	QEH	(-54.60)	(-53.20)	(-1.95)	(-70.00)	(-71.95)
With N65 stowaway spare	QEH	(-43.68)	(-42.56)	(-1.56)	(-56.00)	(-57.56)
FR78-14 /B Steel Belted Radial Ply Blackwall (Standard except on Berlinetta Coupe and Z28 Coupe)	QDV			*NO ADDITIONAL CHARGE*		
FR78-14 /B Steel Belted Radial Ply White Stripe (Standard on Berlinetta Coupe)						
Without N65 stowaway spare	QDW	38.22	37.24	N.C.	49.00	49.00
With N65 stowaway spare	QDW	31.20	30.40	N.C.	40.00	40.00
FR78-14 /B Steel Belted Radial Ply White Lettered						
Without Berlinetta Coupe						
Without N65 stowaway spare	QBT	50.70	49.40	N.C.	65.00	65.00
With N65 stowaway spare	QBT	40.56	39.52	N.C.	52.00	52.00
With Berlinetta Coupe						
Without N65 Stowaway Spare	QBT	12.48	12.16	N.C.	16.00	16.00
With N65 Stowaway Spare	QBT	10.14	9.88	N.C.	13.00	13.00
P225/70-R-15 Steel Belted Radial Ply White Lettered (Standard on Z28 Coupe)	QGR			*NO ADDITIONAL CHARGE*		
Transmissions:						
3-Speed Manual	MM3			*NO ADDITIONAL CHARGE*		
4-Speed Manual	MM4	105.30	102.60	N.A.	135.00	135.00
4-Speed Close-Ratio Manual	M21			*NO ADDITIONAL CHARGE*		
Automatic						
Z28 Sport Coupe	MX1	46.02	44.84	N.A.	59.00	59.00
Sport Coupe or Berlinetta Coupe	MX1	261.30	254.60	N.A.	335.00	335.00
Wheel Trim:						
Wheel Covers, Full	P01	33.54	32.68	N.A.	43.00	43.00
Wheels, Aluminum, Color-Keyed Includes N65 Stowaway Spare						
Berlinetta Coupe	N90	134.16	130.72	N.A.	172.00	172.00
Sport Coupe	N90	245.70	239.40	N.A.	315.00	315.00
Z28 Sport Coupe	N90	188.76	183.92	N.A.	242.00	242.00
Rally Sport Coupe	N90	173.16	168.72	N.A.	222.00	222.00
Wheels, Rally. Included with Z85 Rally Sport. Includes styled wheels, special hub caps and trim rings	ZJ7	72.54	70.68	N.A.	93.00	93.00
Wheels, Custom Styled. 14" x 7". Standard on Berlinetta Coupe						
Sport Coupe	PE1	111.54	108.68	N.A.	143.00	143.00
Rally Sport Coupe	PE1	78.00	76.00	N.A.	100.00	100.00
Windows, Power: *Electric*	A31	102.96	100.32	N.A.	132.00	132.00
Windshield Wiper Equipment: *Intermittent*	CD4	29.64	28.88	N.A.	38.00	38.00

* Dealer Invoice Amount includes Holdback Amount retained for dealer's account in accordance with Vehicle Terms of Sale Bulletin.

§ Factory D & H Charges reflect provisions for pass through of tire weight tax imposed on manufacturer or importer of tires.

◇ State and local taxes not included.

NOTES

CHEVROLET NEWS

Public Relations Department • Chevrolet Motor Division
General Motors Corporation • General Motors Building
Detroit, Michigan 48202 • (313) 556-5937

FOR RELEASE SEPTEMBER 21, 1978

#8432

1979 CAMARO

A new top-of-the-line "Berlinetta" model and sporty refinements to the spirited Z28 model highlight Camaro lineup changes for 1979.

The big news for 1979 is the Camaro Berlinetta. Sporty and luxurious, the Berlinetta has unique exterior pin striping, bright grille treatment, black painted rocker panels, body-color styled wheels and special rear lamp styling. The rear appearance has bright horizontal moldings in the taillight area and adjacent panels, and with argent fuel filler door. Berlinetta's new custom level interior and bucket seats are optional on all other models.

The Z28 has a new three-piece front air dam and front wheel opening flares for a bolder appearance that complement the rear deck lid spoiler. The air dam is semi-flexible plastic and includes special Z28 striping that blends with car side stripes.

In a move designed to improve fuel economy, standard Camaro models use a 2.56:1 axle ratio, down from 2.73:1 for the 4.1 litre (250 CID) L-6.

Available as options through the standard Camaro line are the 5.0 and 5.7 litre V-8's and both engines have Chevrolet's new exhaust gas recirculation (EGR) and cold trapped vacuum spark systems for improved fuel economy and driveability. The 5.0 litre (350 CID) V-8 has a new dualjet carburetor.

- more -

For 1979, Camaro is also available as a Sport Coupe and Rally Sport.

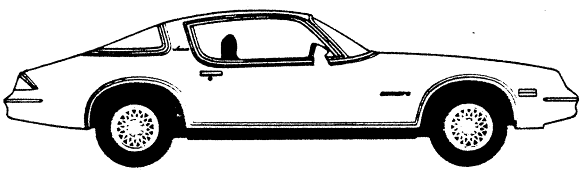
Camaro's interior dimensions remain the same. But a less restrictive new instrument panel pad on the right side now slopes forward, away from the passenger, giving a more roomy appearance although overall dimensions are the same. The cluster shape has been widened through a newly styled bezel and the air conditioning outlet is relocated to a central position in the panel.

An electro-clear window defogger similar to one available on standard-size Chevrolets is a new option. It replaces the forced air type.

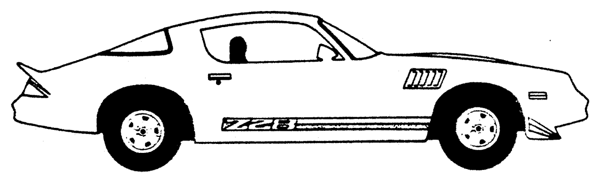
An improved anti-theft steering column lock is included, and there are four new AM/FM radio options.

# # # # #

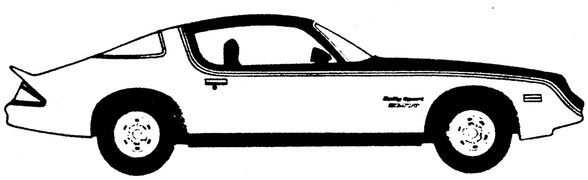
1979 CAMARO



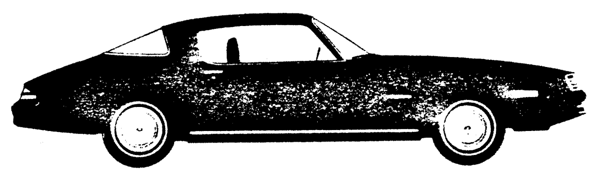
Camaro Berlinetta Coupe



Camaro Z28 Sport Coupe



Camaro Rally Sport Coupe



Camaro Sport Coupe

Camaro	Model No.
Berlinetta Coupe	1FS87
Z28 Sport Coupe	1FQ87/Z28
Rally Sport Coupe	1FQ87/Z85
Sport Coupe	1FQ87

Index

Also see Value Features section for additional details.

CAMARO VALUE FEATURES FOR 1979

New Features for 1979 shown in Bold Face

ENGINE/CHASSIS

- 4.1 Litre 1-Bbl. L6 engine *standard* on Berlinetta and Sport Coupe; 5.7 Litre 4-Bbl. V8 engine *standard* on Z28. See Power Teams for availability
- Three-speed manual transmission *standard* on Type LT and Sport Coupe; four-speed close-ratio manual transmission on Z28
- **New improved Exhaust Gas Recirculation (EGR) and cold trapped spark control system for 5.0 and 5.7 Litre V8 engines (49 states applications) contribute to good drivability**
- **New Dualjet 2-barrel carburetor for 5.0 Litre V8 engine contributes to impressive drivability and good emission control**
- Power steering helps make parking and maneuvering in city traffic easy *standard*
- Front disc/rear drum brake system *standard*
- Disc brake audible wear sensors to let you know when linings need replacing *standard*
- Delco Freedom battery never needs refilling. Sealed side terminals help prevent corrosion buildup *standard*
- Delcotron generator with built-in solid-state regulator *standard*
- Long recommended service intervals for oil change, oil filter, spark plugs, chassis lubrication and available automatic transmission fluid
- Separate stub frame unit cushion-mounted to body
- Visible ball joint wear indicators on front suspension lower control arms for quick and easy inspection *standard*
- 21-gallon fuel tank
- High Energy Ignition system *standard*
- Coolant recovery system helps prevent costly coolant loss *standard*
- Single exhaust system
- GM Specification steel-belted radial ply tires *standard*
- White stripe tires *standard* on Berlinetta
- Early Fuel Evaporation systems on all engines for quick warm-up
- Independent front coil suspension with stabilizer bar *standard*
- Multi-leaf rear springs *standard*
- Bias-mounted rear shock absorbers *standard*
- Forward-mounted recirculating ball steering gear and linkage

BODY

- Body By Fisher
- **New Camaro Berlinetta model features chrome plated upper and lower grille, distinctive dual pin striping and dual body-colored sport mirrors**
- **New two-tone striping on Z28**
- **New front end air dam (spoiler) and flared front wheel openings on Z28**
- Double-panel door, hood and deck lid construction
- Extensive anti-corrosion treatments (see page 27)
- Flow-through ventilation system for passenger comfort *standard*
- Concealed dual-speed non-articulated electric windshield wipers *standard*
- Cushioned body mounting system helps effectively isolate passenger area from road noise and vibration
- Inner fenders front and rear for corrosion protection *standard*

INTERIOR

- **Restyled instrument panel for improved roominess**
- Special Instrumentation standard on Berlinetta
- Front bucket seats *standard*
- Molded full foam seat construction *standard*
- Convenient single-retractor front seat belt system
- Center dome light *standard*
- Foam-backed vinyl headlining *standard*
- Color-keyed cut-pile carpeting *standard*
- Four-spoke sport steering wheel *standard*
- **Improved anti-theft steering column lock *standard***
- Day/night rearview mirror *standard*
- Color-keyed steering column and steering wheel *standard*

NEW OPTIONS

- Electric rear window defogger
- Delco AM/FM Citizens Band Radio with Power Antenna
- Delco AM/FM Stereo/Citizens Band Radio with Power Antenna
- Delco AM/FM Stereo Radio with Stereo Cassette Tape
- Delco AM/FM Stereo Radio with Digital Clock Display
- Power Antenna

Ever since they first got together, Camaros and America's roads have been the very closest of friends.

That's because eleven years of road-hugging have brought Camaro's suspension to a fine tune. The wheels are wide-spread so Camaro's standard steel-belted radial tires can grab all the pavement they can. A front stabilizer bar is standard. So is power steering.

Going with it is a Camaro body shaped like smooth sculpture. With built-in body-colored polyurethane bumpers.

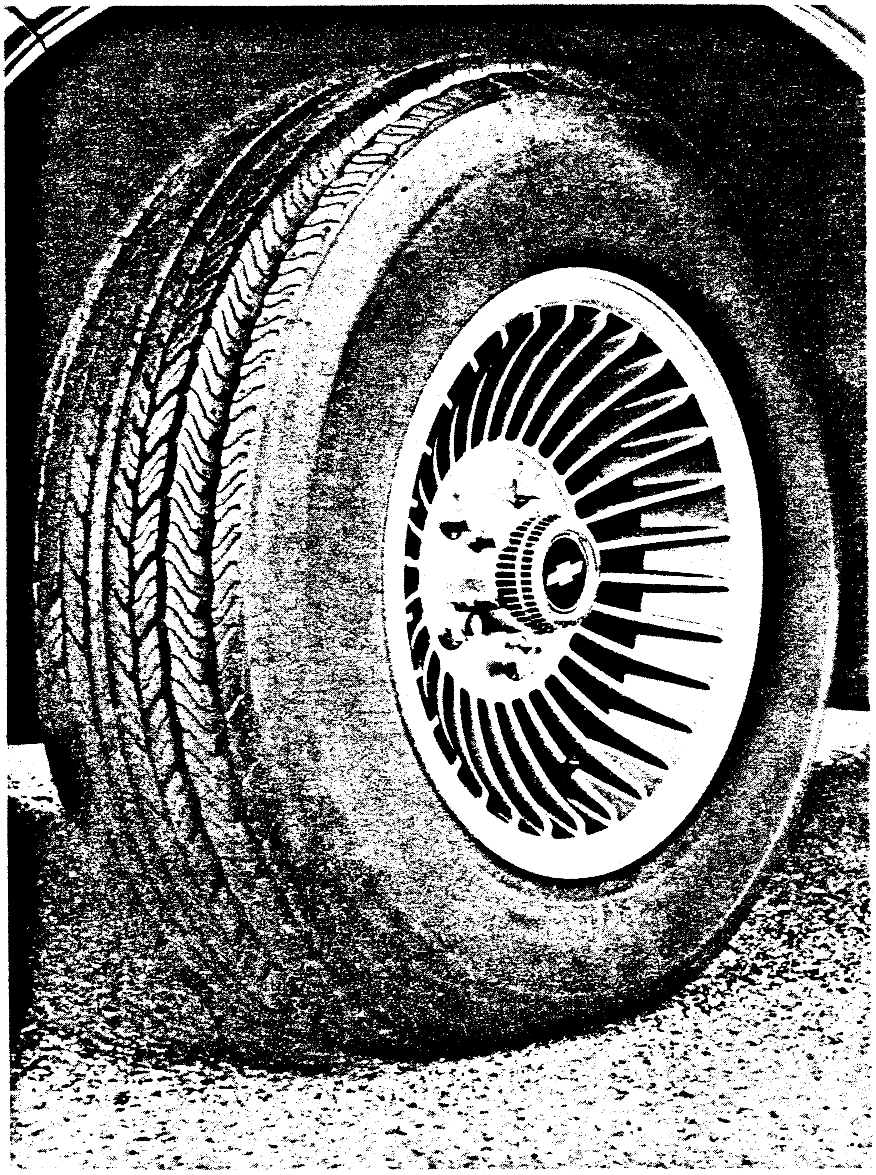
And it keeps happening for '79, led by the Z28, a great road car. Now with a new front air dam and flared front wheel openings.

This year, there's also a bright new Camaro personality to select from. The Camaro Berlinetta. It offers a new level of attractive road-looks and impressive road-feel, exceptional even for a Camaro. The suspension is unique, engineered for long-distance touring comfort. The bucket seats are a special design.

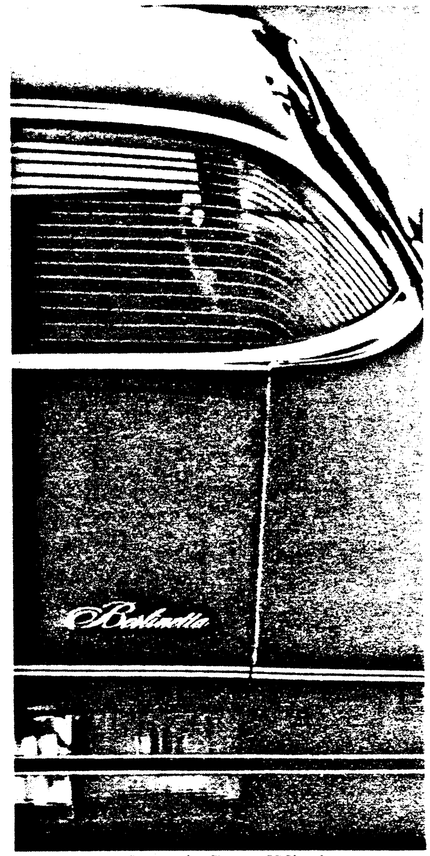
A new Camaro and a favorite road. It's a winning combination.

REASONS TO BUY CAMARO

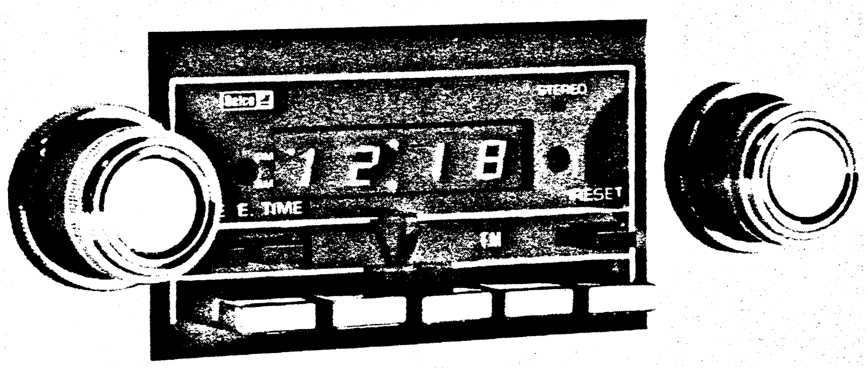
- Exciting, sporty, streamlined appearance.
- Traditionally high resale value.
- Spirited performance.
- Fun to drive with impressive roadability.
- Wide range of engines available.
- Quality engineered and designed for built-in value.
  - Stub frame construction with six isolating front body mounts.
  - Extensive use of anti-corrosion treatments and materials.
  - Extensive use of acoustical materials.
  - Long recommended service intervals.



Steel-Belted Radial Ply Tires ***Standard***

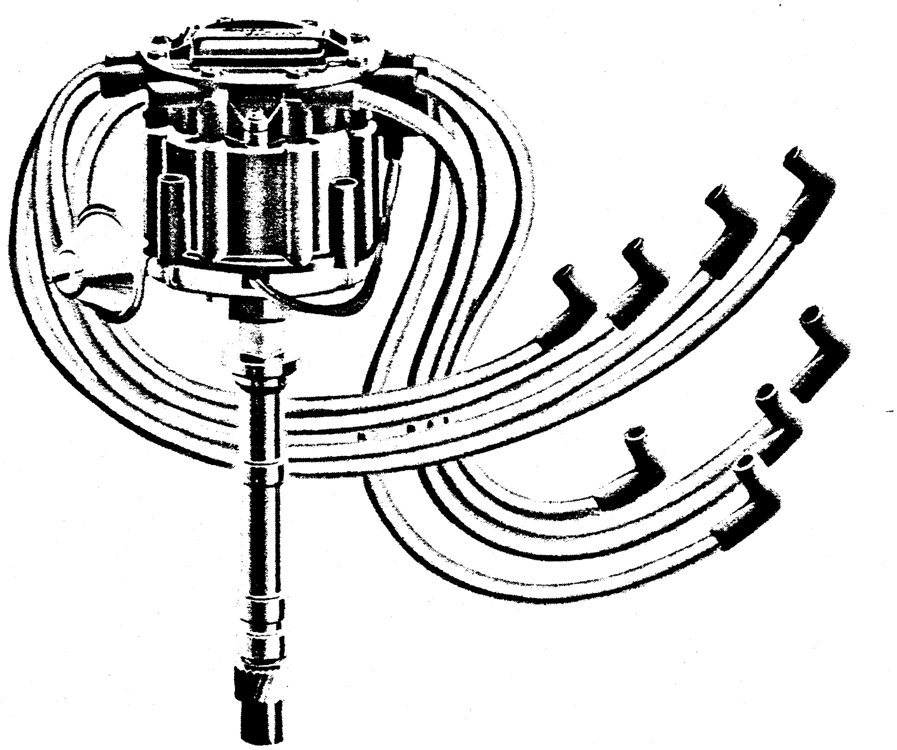


Available Electric Rear Window Defogger

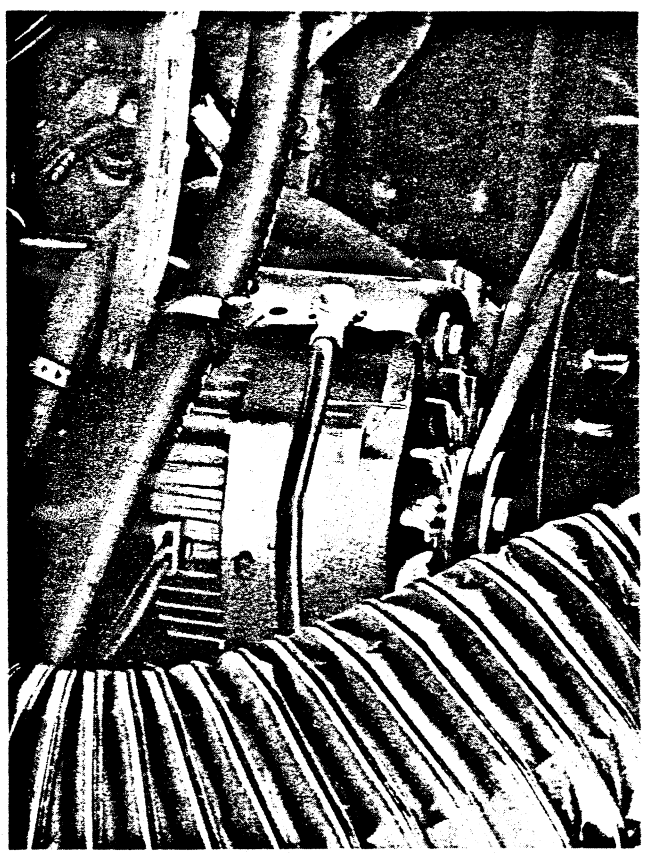


Available Delco AM/FM Stereo Radio with Digital Clock Display

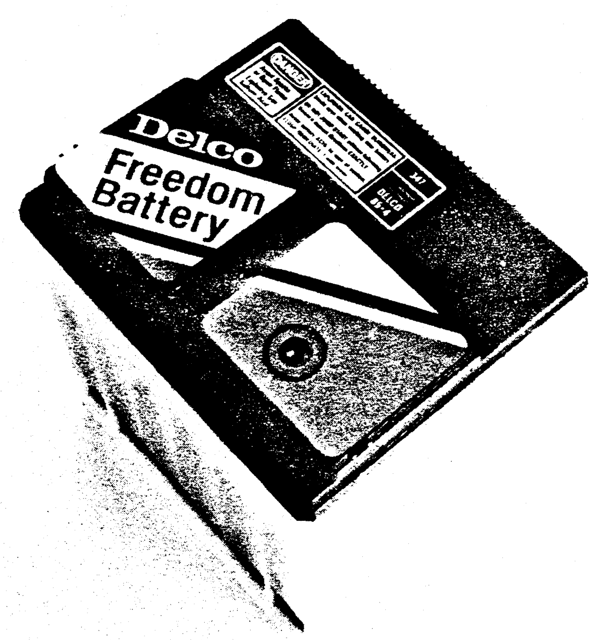
Improved Anti-Theft Steering Column Lock ***Standard***



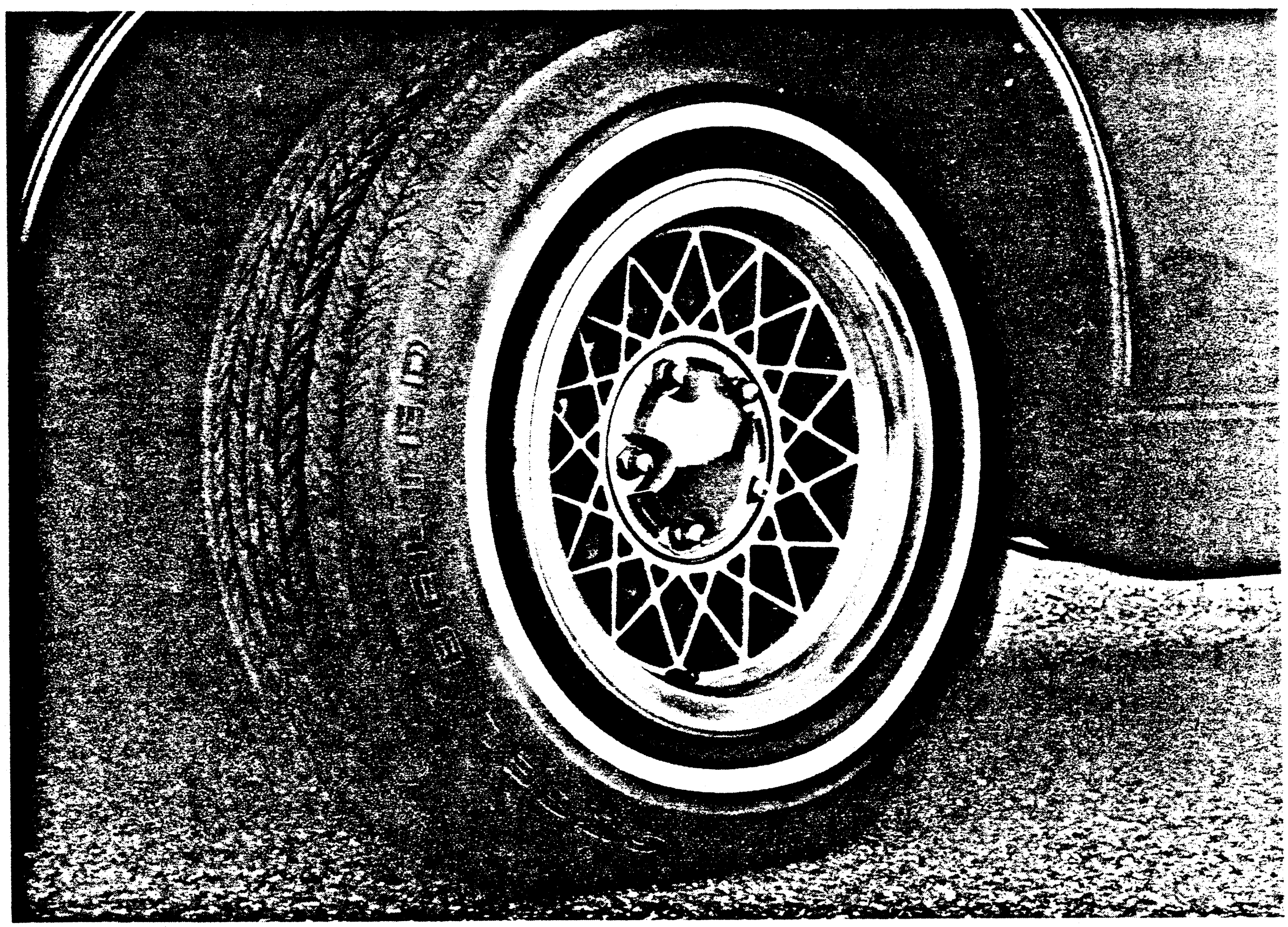
High Energy Ignition System ***Standard***



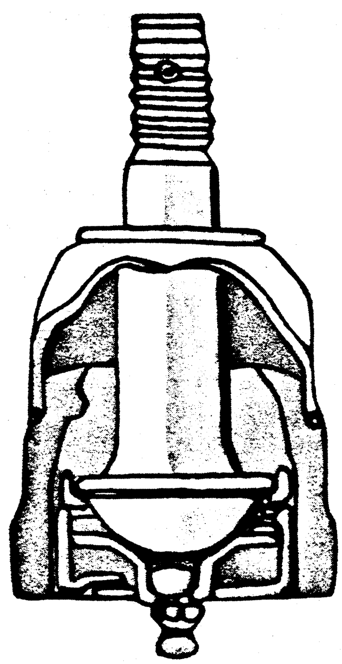
Delcotron Generator with Built-in Solid-State Regulator ***Standard***



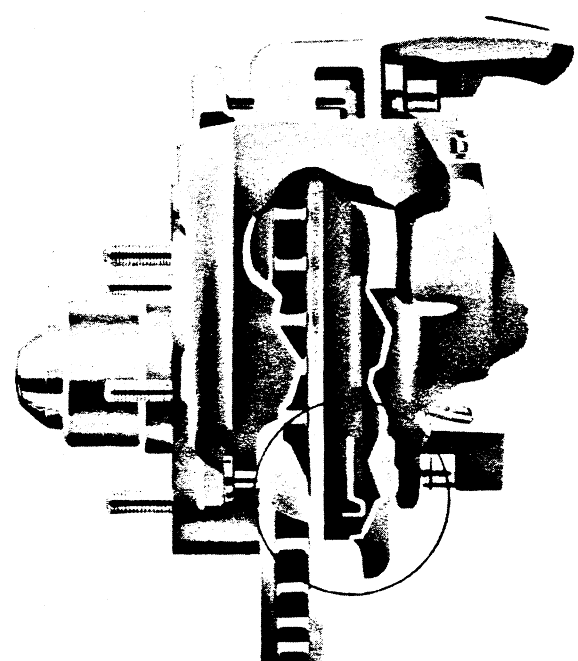
Delco Freedom Battery ***Standard***



Available Color-Keyed Custom Styled Wheels

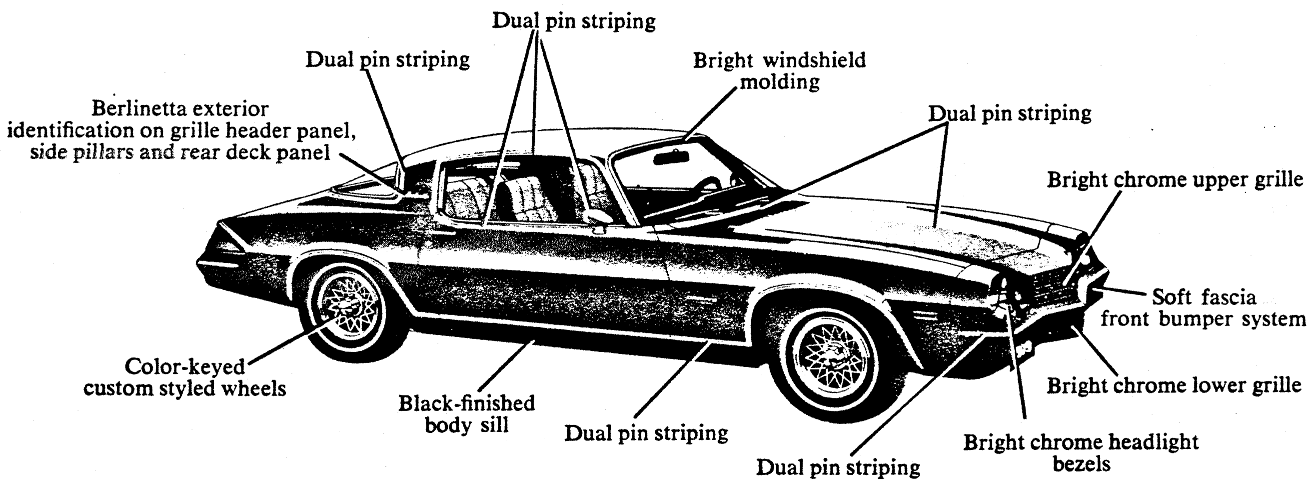


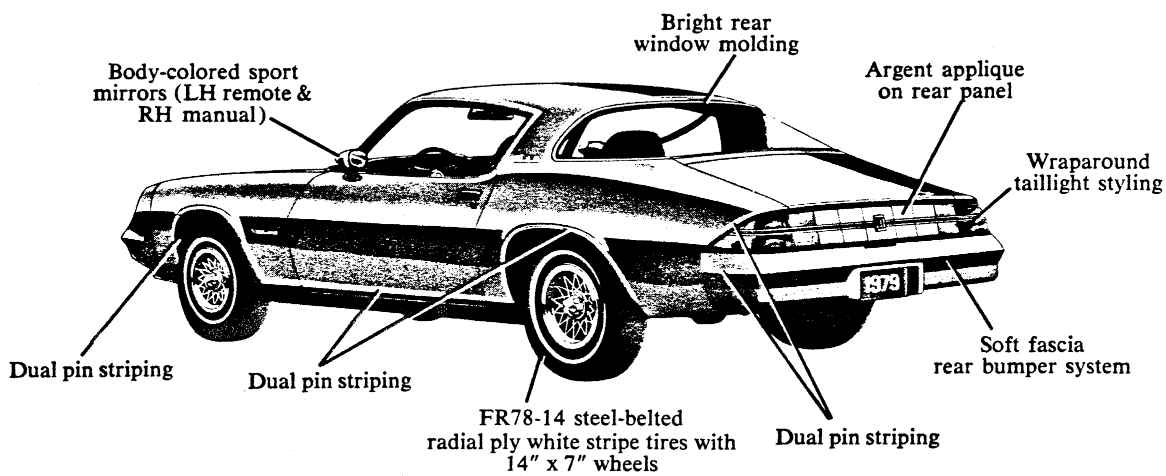
Front Suspension Lower Control Arm Ball Joint Wear Indicators ***Standard***

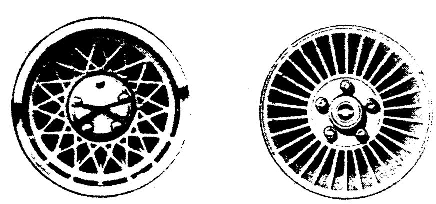


Front Disc Brake with Audible Wear Sensor ***Standard***

CAMARO BERLINETTA
Coupe



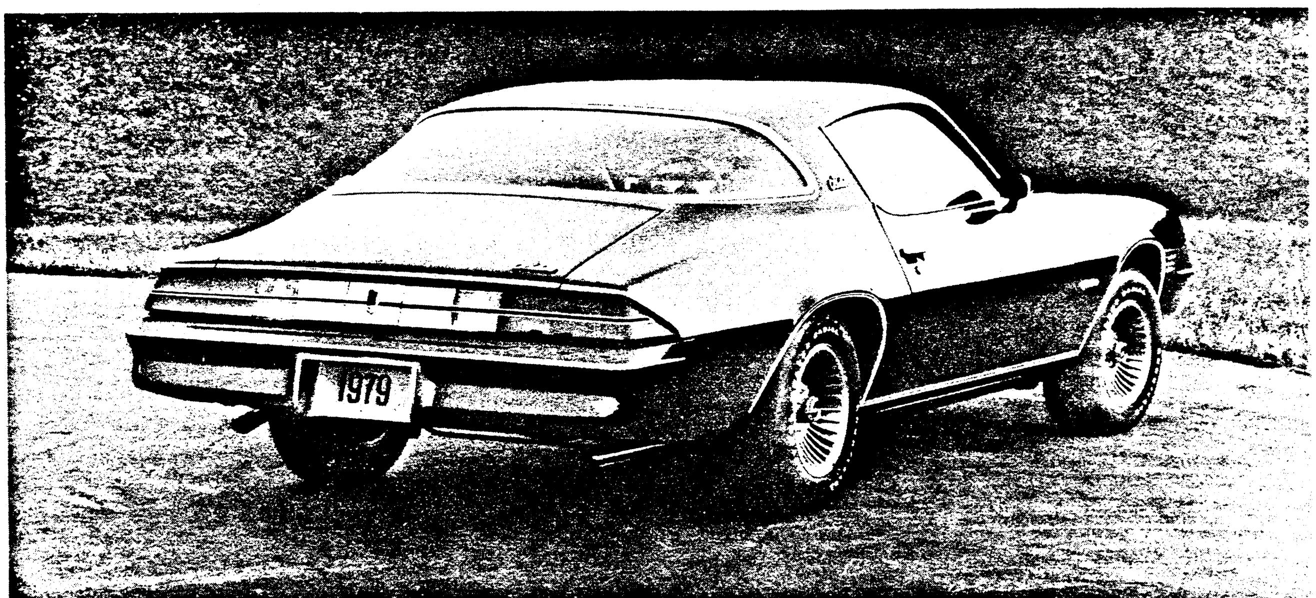




Standard Color-Keyed Custom Styled Wheels

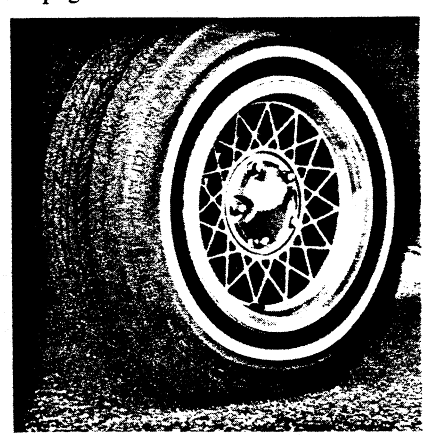
Available Color-Keyed Aluminum Wheels (RPO N90)

Chrome Plated Upper and Lower Grille



Dual Pin Striping across front and rear bumpers, hood, side and rear windows, deck, wheel openings, rocker panels and around sport mirrors (See pages 16 and 17 for additional details)

Dual Body-Colored Sport Mirrors (LH remote, RH manual)

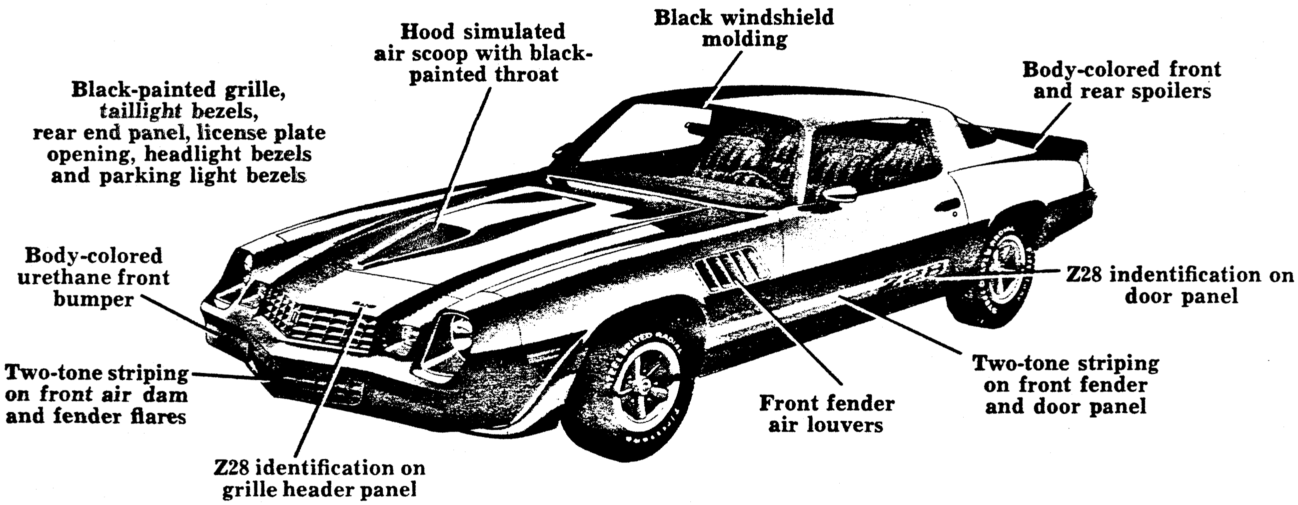


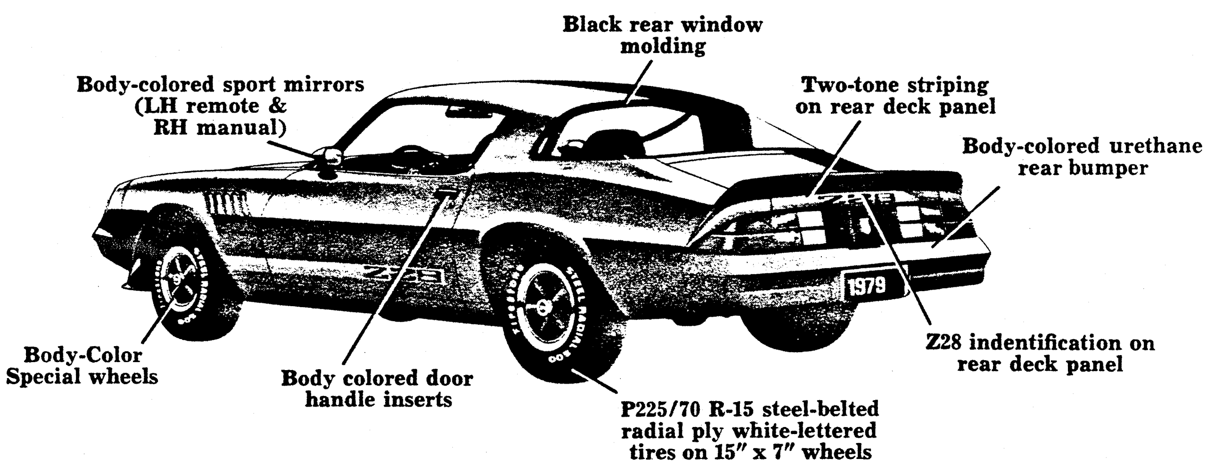
FR78-14 Steel-Belted Radial Ply White Stripe Tires with Color-Keyed Custom Styled Wheels

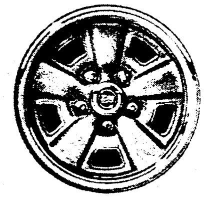
Berlinetta Identification on grille header panel, roof pillar and rear deck panel

CAMARO

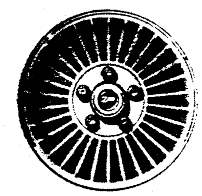
Camaro Z28





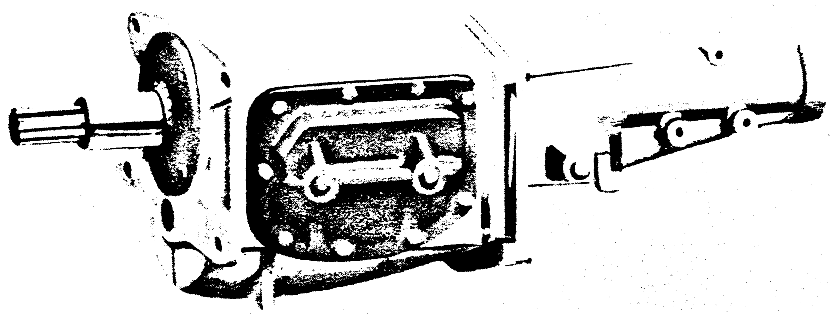


Standard Z28 Wheels

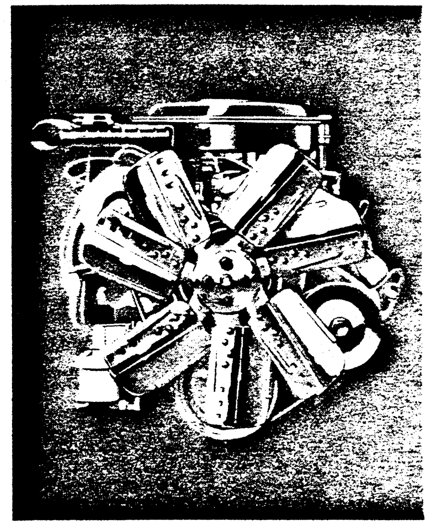


Available Color-Keyed Aluminum Wheel (RPO N90)

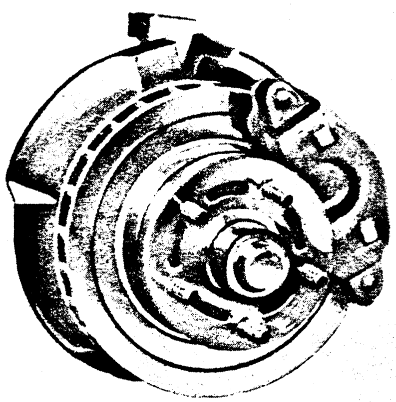
Z28 FEATURES



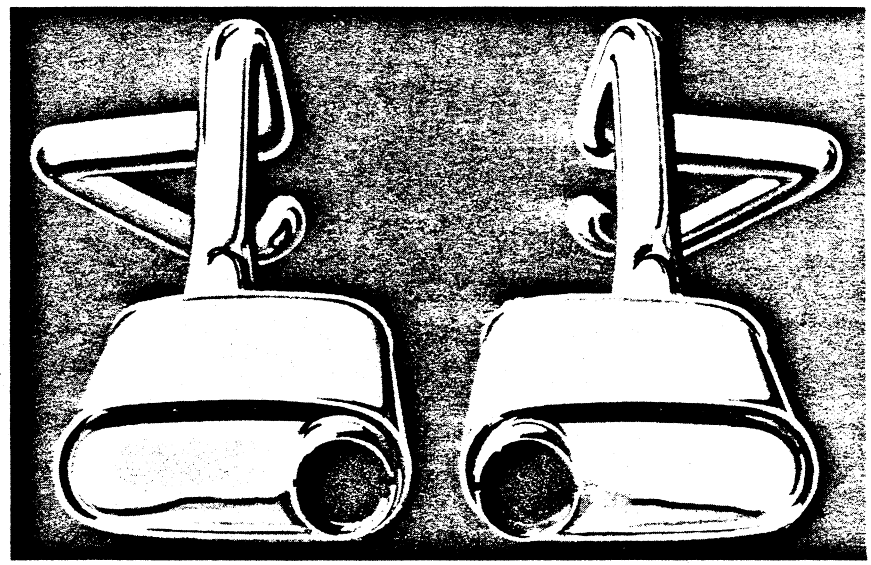
Four-Speed Close-Ratio Transmission ***Standard***



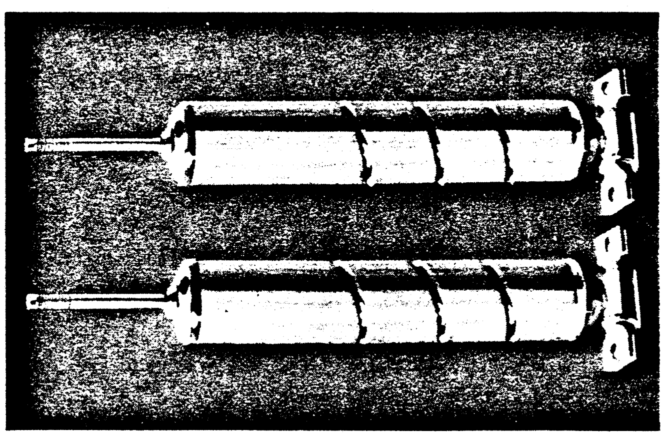
5.7 Litre 4-Bbl. V8 ***Standard***



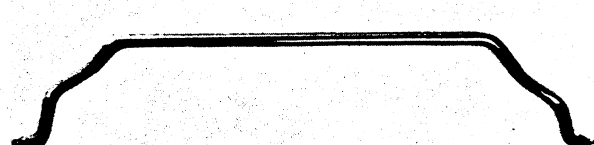
Power Front Disc/Rear Drum Brakes
Standard



Dual Resonator/Tailpipes ***Standard***



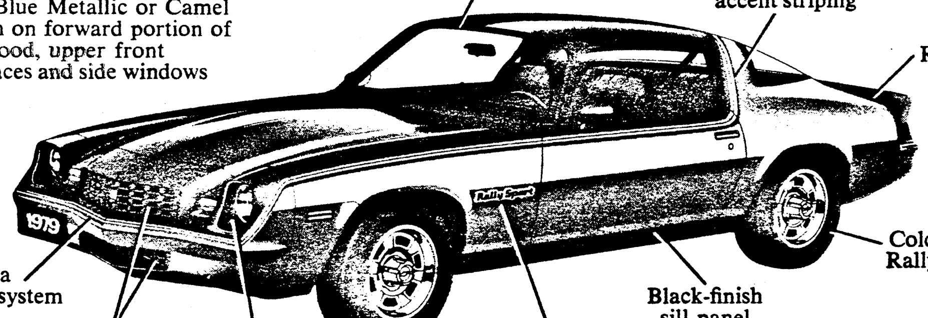
Special Shock Absorbers ***Standard***

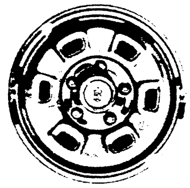


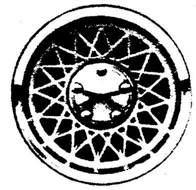
Front Stabilizer Bar ***Standard***

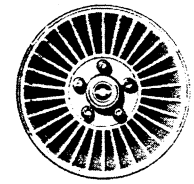
CAMARO

Rally Sport Coupe

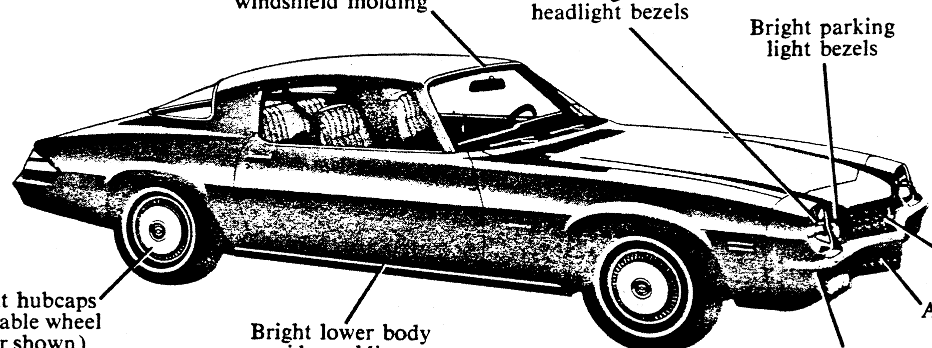


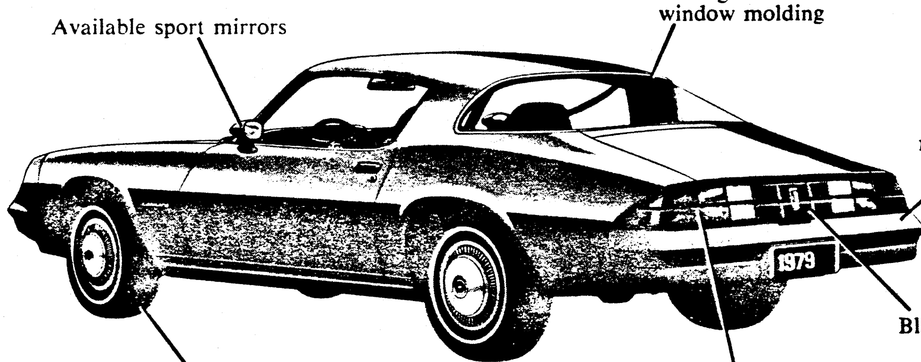

Standard Color-Keyed Rally Wheels

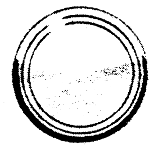

Available Custom Styled Wheels (RPO PE1)

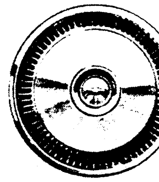

Available Color-Keyed Aluminum Wheels (RPO N90)

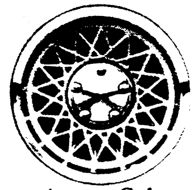
CAMARO
Sport Coupe

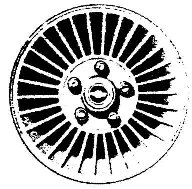


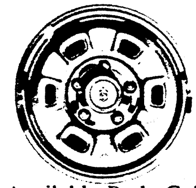



Standard
Camaro Hubcaps

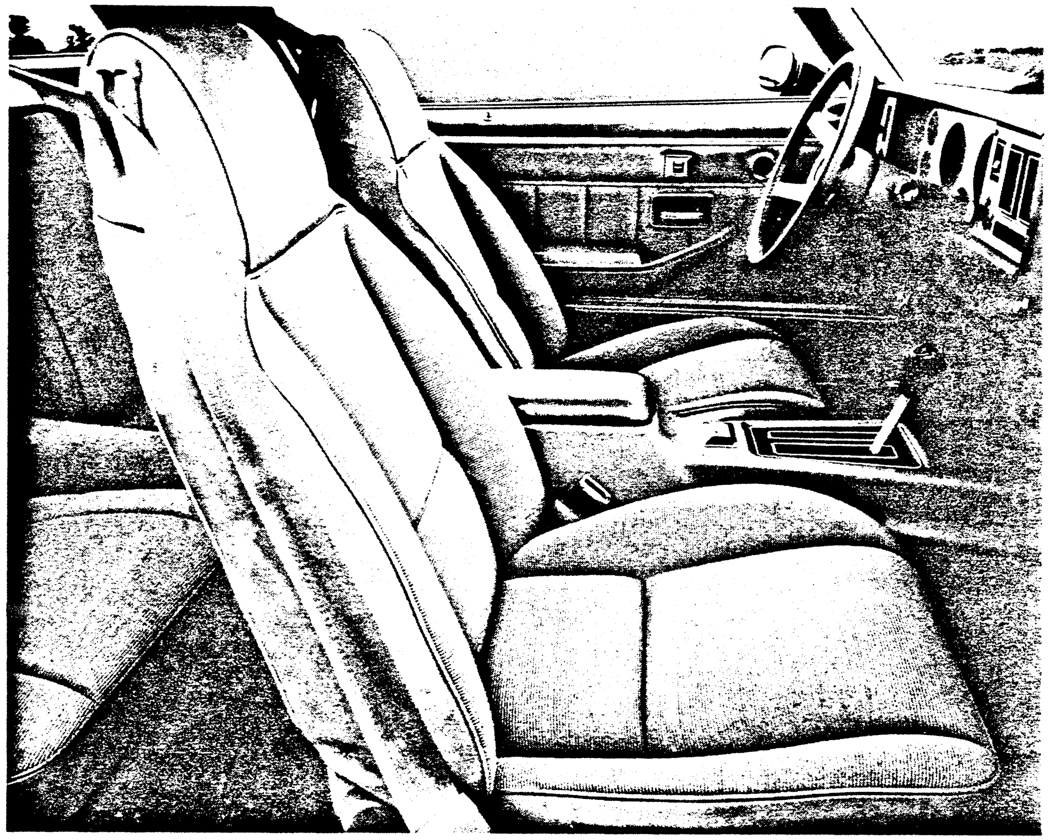

Available Full Wheel
Covers (RPO PO1)


Argent-Color
Available Custom
Styled Wheels
(RPO PE1)


Available Color-Keyed
Aluminum Wheels
(RPO N90)


Available Body-Color
Rally Wheels
(RPO ZJ7)

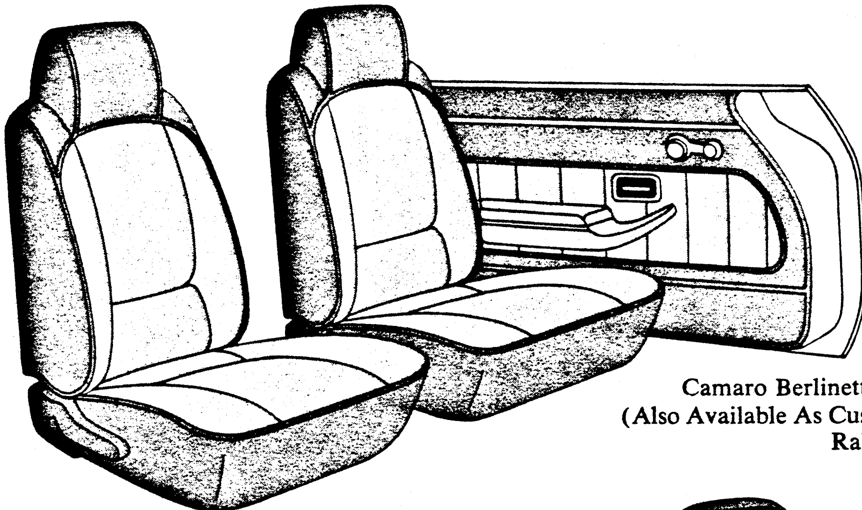
INTERIOR FEATURES



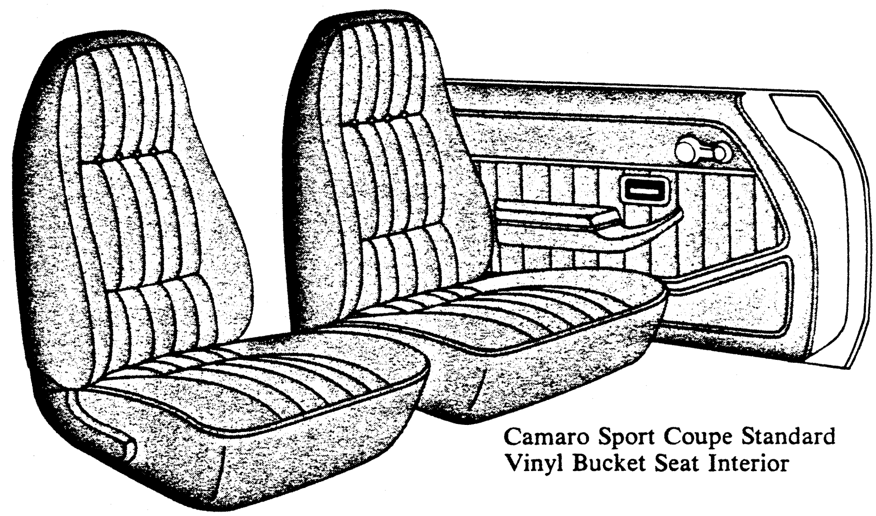
Berlinetta Custom Bucket Seat Interior In Available Knit Cloth

INTERIOR FEATURES	Berlinetta	Sport Coupe
Front bucket seats	S	S
Custom styled front bucket seats	S	EC
Center console (required with automatic transmission)	EC	EC
Soft door trim panel with built-in armrest, integral pull handle and carpeted lower door (Custom trim)	S	EC
Soft door trim panel with built-in armrest and integral pull handle (base trim)	NA	S
Day/night inside rearview mirror	S	S
Center dome light with bright bezel	S	S
Foam-backed one-piece perforated vinyl headlining	S	S
One-piece color-keyed cut-pile carpeting	S	S
Luggage compartment mat	S	S
Dual horns	S	EC
Quiet Sound Group	S	EC
Vinyl rear quarter trim panel	S	S
Built-in rear quarter panel armrests	S	S

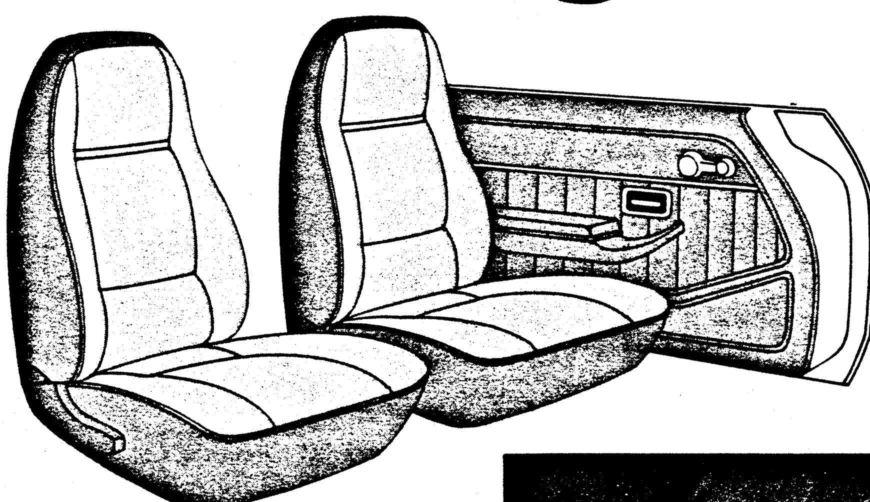
S—Standard EC—Extra Cost NA—Not Available



Camaro Berlinetta Standard Bucket Seat Interior
(Also Available As Custom Interior For Camaro Sport Coupe, Rally Sport And Z28)

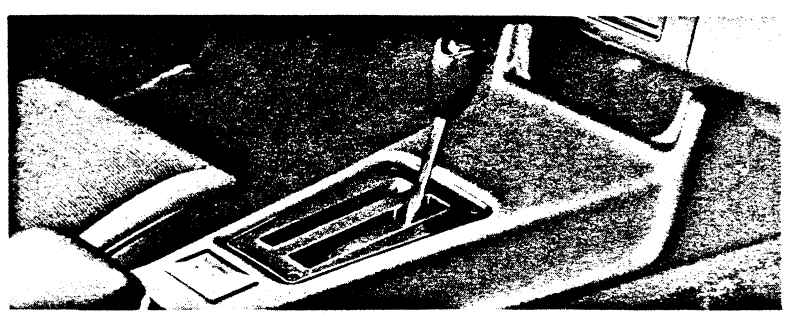


Camaro Sport Coupe Standard
Vinyl Bucket Seat Interior



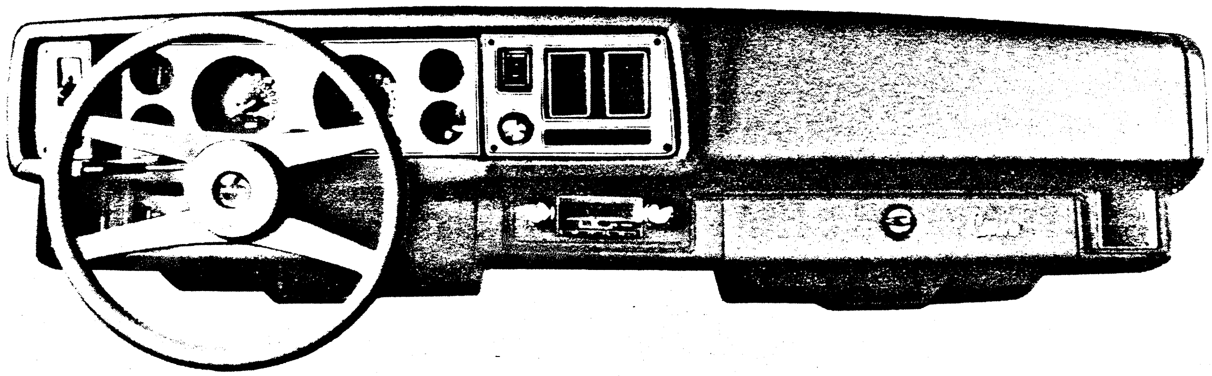
Camaro Sport Coupe Available
Cloth Bucket Seat Interior

NOTE: Illustrations show basic seat and door trim panel styling only. Shaded areas differentiate usage of cloth and vinyl trim materials. See Color & Trim Section for available exterior/interior color and trim selections.

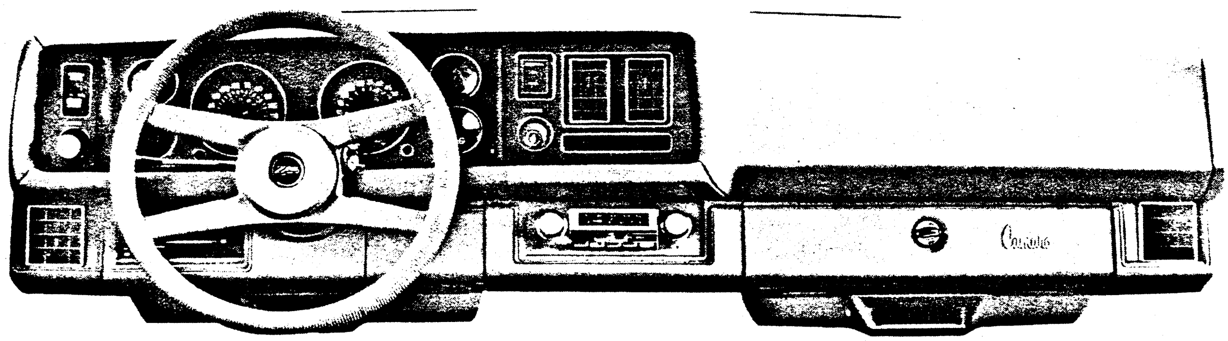


Available Console (RPO D55) Included With Automatic Transmission On Z28; Required With Automatic Transmission On Other Models

CAMARO INSTRUMENT PANEL



Camaro Berlinetta Instrument Panel

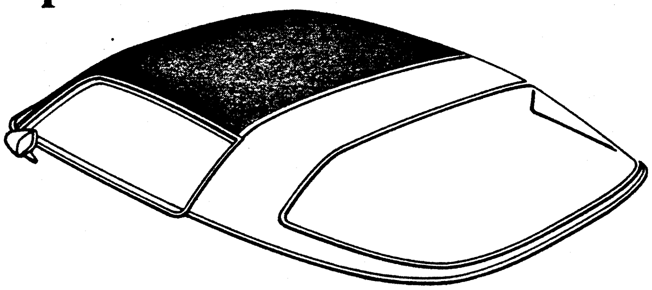


Camaro Z28 Instrument Panel

INSTRUMENT PANEL FEATURES	Berlinetta	Z28	Rally Sport	Sport Coupe
Color-keyed instrument panel, steering wheel and column	S	S	S	S
Round instrumentation with 130 mph/180 kph (kilometers per hour) speedometer	S	S	S	S
Brushed stainless instrument cluster backplate	S	NA	S	EC
Brushed black chrome instrument cluster backplate	NA	S	NA	NA
Black crackle-finish instrument cluster backplate	NA	NA	NA	S
Special Instrumentation	S	S	EC	EC
Intermittent windshield wipers	EC	EC	EC	EC
Dual Horns	S	EC	EC	EC
Cigarette Lighter	S	S	S	S
Glove compartment light	S	EC	EC	EC
Electric Clock	S	S	EC	EC
Column mounted turn signal	S	S	S	S

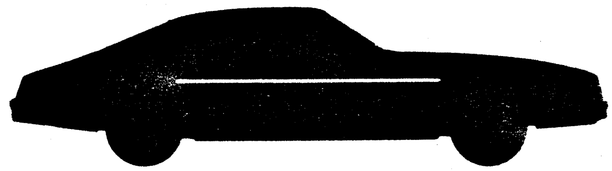
EXTERIOR DECOR

Sport Roof Cover



Levant grain Sport Roof Cover for Berlinetta and Sport Coupe in a choice of seven colors. Not available for Camaro Z28 or Rally Sport models.

Body Side Moldings (RPO B84)



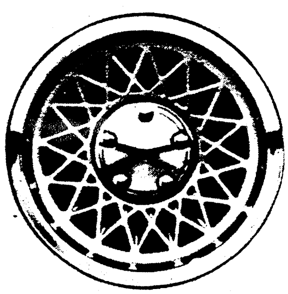
Bright with black vinyl insert. Not available on Camaro Z28.

VINYL ROOF COLOR SELECTIONS

VINYL ROOF	CODE	EXTERIOR COLOR AVAILABILITY
Beige	UU	Beige, Camel Metallic, Dark Brown Metallic, White or Black
Black	BB	All colors except Dark Brown Metallic
Light Blue Metallic	DD	White, Black, Light Blue Metallic or Dark Blue Metallic
Dark Carmine Metallic	RR	Carmine Metallic only
Light Green	GG	Light Green or Medium Green Metallic
Silver	QQ	Silver, Black, Bright Blue Metallic, Dark Blue Metallic or Carmine Metallic
White	WW	All colors

NOTE: Also see Color & Trim Section for additional details.

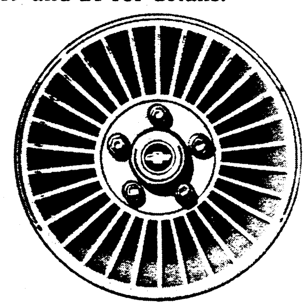
Custom Styled Wheels (RPO PE1)



Argent finish. Available for Camaro Sport Coupe and Rally Sport Coupe models only. Color-keyed Custom Styled Wheels standard on Berlinetta; see page 17 for details.

Aluminum Wheels

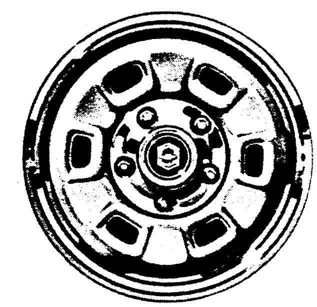
(RPO N90)
Color-keyed Aluminum Wheels available for Camaro Sport Coupe. Includes Stowaway Spare Tire (RPO N65). Also available for Berlinetta, Z28 and Rally Sport models. See pages 17, 19 and 21 for details.



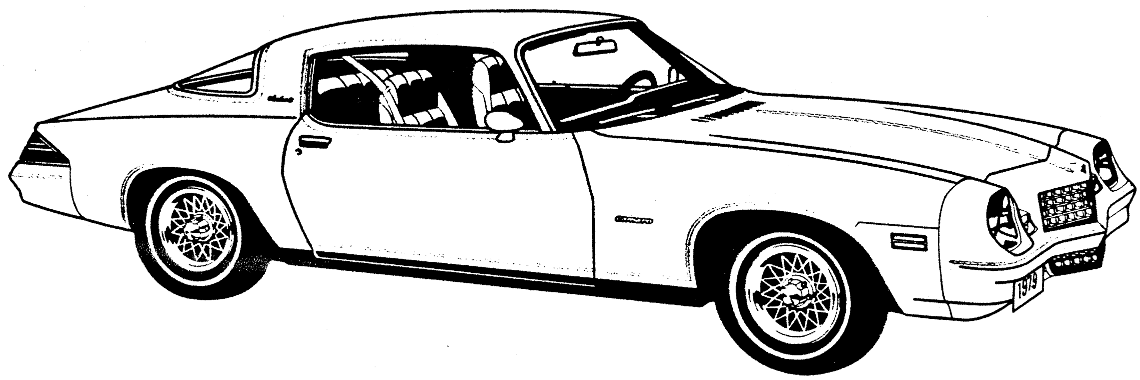
EXTERIOR COLOR	CODE	WHEEL COLOR
Beige	61	Gold
Black	19	Black
Bright Blue Metallic	24	Silver
Dark Blue Metallic	29	Silver
Light Blue Metallic	22	Silver
Dark Brown Metallic	69	Gold
Camel Metallic	63	Gold
Carmine Metallic	77	Gold
Light Green	40	Silver
Medium Green Metallic	44	Silver
Red	75	Gold
Silver	15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

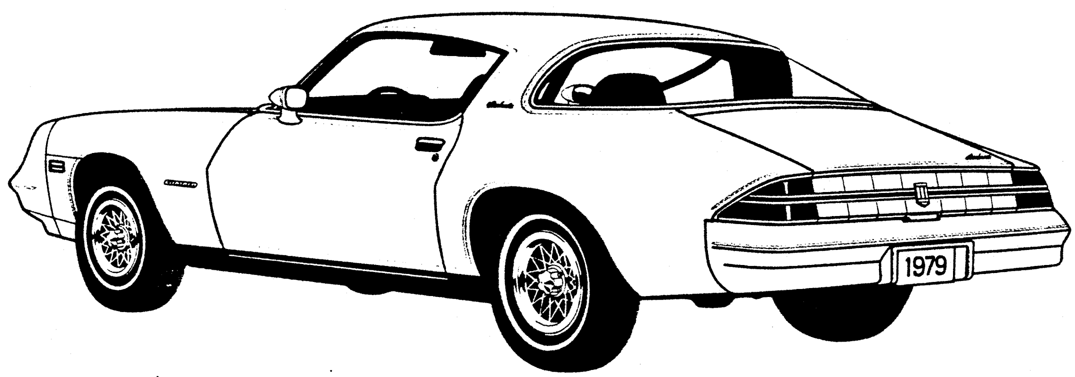
Color-Keyed Rally Wheels (RPO ZJ7)

Color-keyed to match exterior body color. Available for Camaro Sport Coupe; standard on Rally Sport. Not available on Berlinetta or Z28 models.



CAMARO BERLINETTA STRIPING





Blue

Silver

Green

Gold

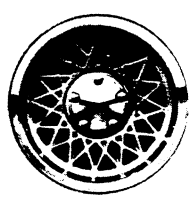
Red

BERLINETTA EXTERIOR, INTERIOR, STRIPING AND WHEEL COLOR COMBINATIONS

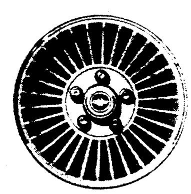
EXTERIOR COLOR	CODE	INTERIOR COLOR: Black	Blue	Camel	Carmine	Green	Oyster	Standard Custom Styled Wheel Colors	Aluminum Wheel Colors (RPO N90)
		STRIPING COLORS							
Beige	61	Gold	—	Gold	Gold	—	—	Gold	Gold
Black	19	Silver	Blue	Gold	Red	—	Silver	Black*	Black*
Bright Blue Metallic	24	Silver	Silver	—	—	—	Silver	Bright Blue Metallic	Silver
Dark Blue Metallic	29	Blue	Blue	Gold	—	—	Blue	Dark Blue Metallic*	Silver*
Light Blue Metallic	22	Silver	Silver	—	—	—	Silver	Black	Silver
Dark Brown Metallic	69	Gold	—	Gold	—	—	Gold	Gold	Gold
Camel Metallic	63	Gold	—	Gold	—	—	—	Gold	Gold
Carmine Metallic	77	Gold	—	Gold	Gold	—	Gold	Carmine Metallic	Gold
Light Green	40	Green	—	—	—	Green	—	Medium Green Met.	Silver
Medium Green Metallic	44	Green	—	—	—	Green	—	Medium Green Met.	Silver
Red	75	Gold	—	Gold	Gold	—	Gold	Gold	Gold
Silver	15	Black	—	—	Red	—	Red	Black	Silver
White	11	Black	Blue	Gold	Red	Green	Silver	White	Black
Bright Yellow	51	Black	—	Black	—	—	Black	Black	Black

NOTE: These are the only combinations available—NO COLOR OVERRIDES ARE ALLOWED!

*Except—With Gold·Stripes Use Gold Wheels

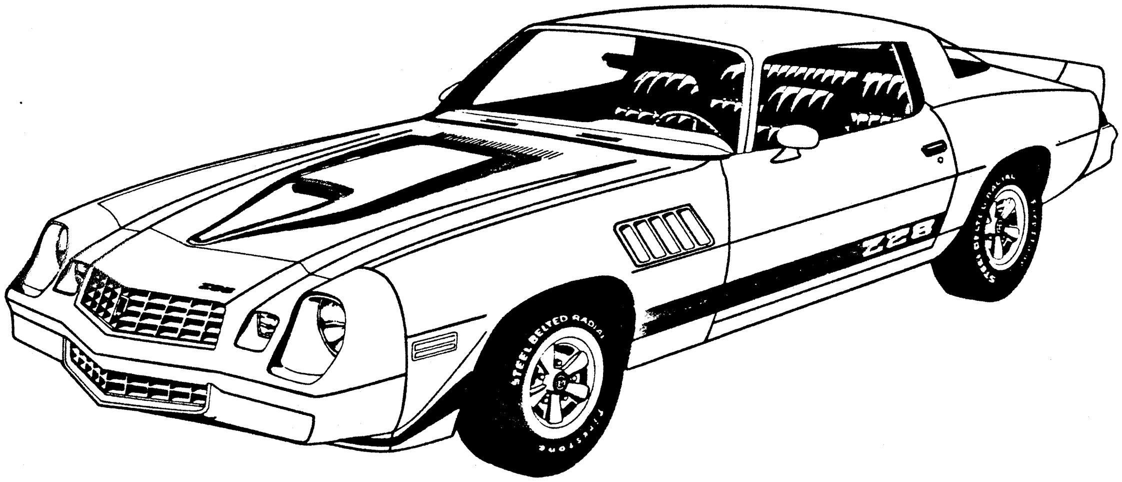


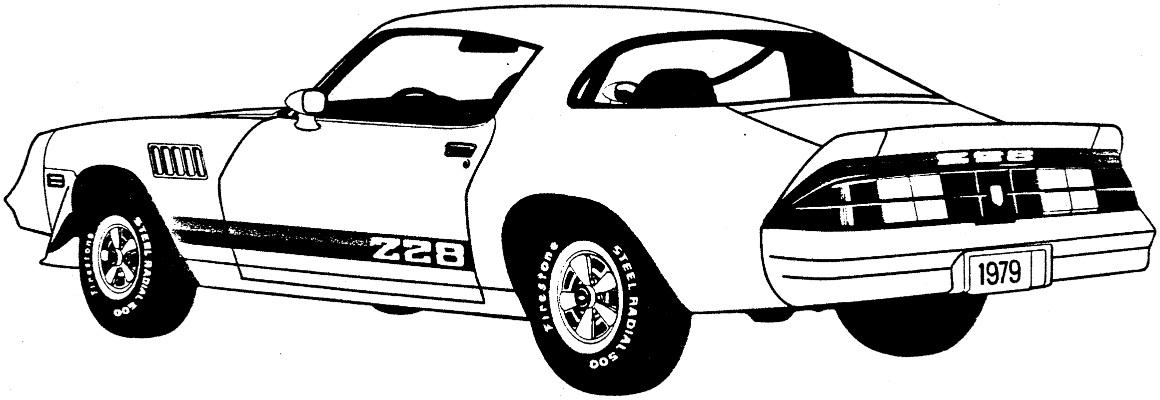
Color-Keyed Custom Styled Wheels Standard

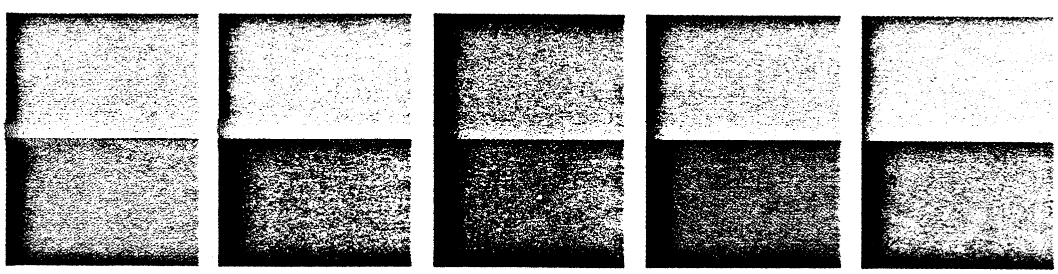


Available Aluminum Wheels (RPO N90) Color-Keyed To Exterior/Interior Colors in Gold, Silver or Black. See Chart for details.

CAMARO Z28 STRIPING







Gold Blue Red Green Yellow

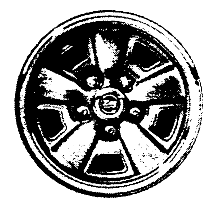
Z28 EXTERIOR, INTERIOR & STRIPING COLOR COMBINATIONS

EXTERIOR COLOR	CODE	INTERIOR COLOR						Z28 BASIC DECOR COLOR
		Black	Blue	Camel	Carmine	Green	Oyster	
Beige	61	X		X				Gold
Beige	61				X			Red
Black	19	X		X				Gold
Black	19				X		X	Red
Black	19					X		Green
Black	19		X					Blue
Bright Blue Metallic	24	X	X	X			X	Blue
Dark Blue Metallic	29	X	X				X	Blue
Dark Blue Metallic	29			X				Gold
Light Blue Metallic	22	X	X				X	Blue
Dark Brown Metallic	69	X		X			X	Gold
Camel Metallic	63	X		X			X	Gold
Carmine Metallic	77			X	X			Gold
Carmine Metallic	77	X					X	Red
Light Green	40	X				X		Green
Medium Green Metallic	44	X				X		Green
Red	75	X			X		X	Red
Red	75			X				Gold
Silver	15	X			X		X	Red
White	11	X		X				Gold
White	11				X		X	Red
White	11					X		Green
White	11		X					Blue
Bright Yellow	51	X		X			X	Yellow

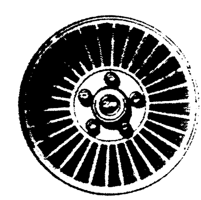
NOTE: These are the only combinations available—NO COLOR OVERRIDES ARE ALLOWED.

ALUMINUM WHEEL COLORS (RPO N90)

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



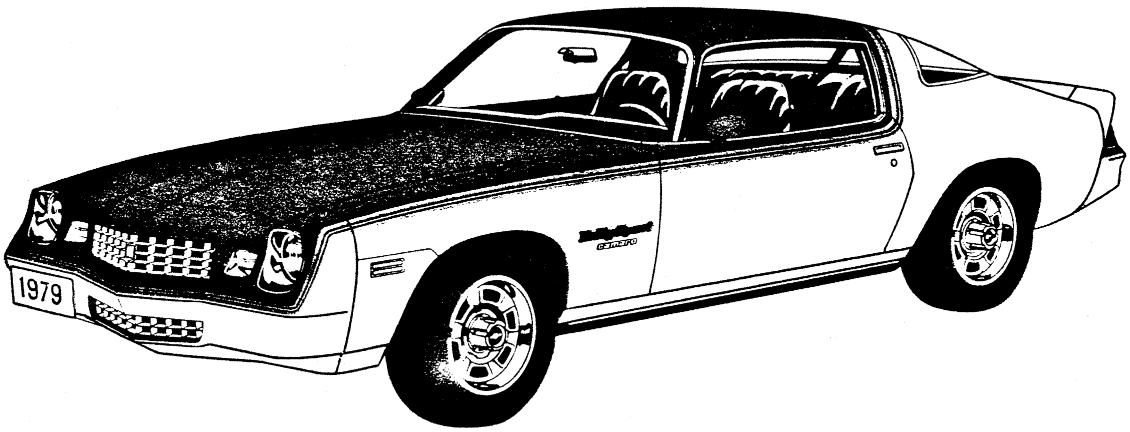
Standard Z28 Wheels Color-Keyed to Match Body Color

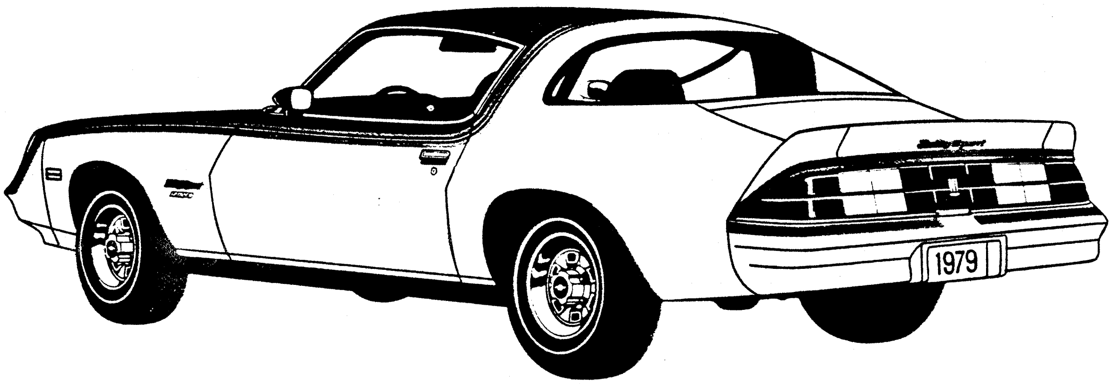


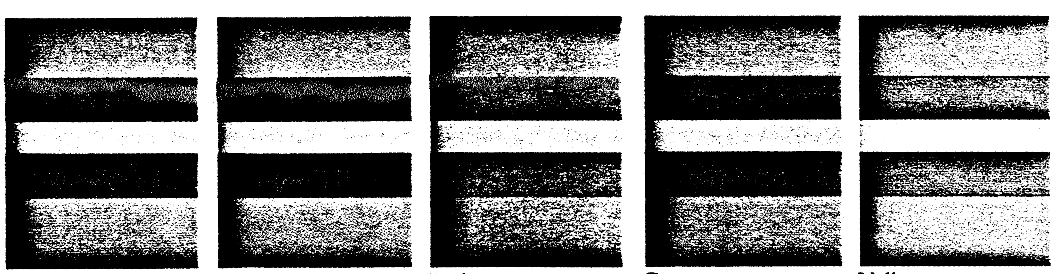
Available Aluminum Wheels (RPO N90). Gold, Silver or Black Color-Keyed to Exterior/Interior Colors. See Chart for Details.

See Dealer Order Guide for latest available information.

CAMARO RALLY SPORT STRIPING





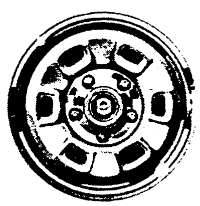


Gold Blue Red Green Yellow

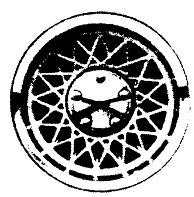
RALLY SPORT EXTERIOR, INTERIOR, STRIPING AND WHEEL COLOR COMBINATIONS

EXTERIOR COLOR				INTERIOR COLOR						Aluminum Wheel Colors (RPO N90)
				Black	Blue	Camel	Carmine	Green	Oyster	
BODY	CODE	HOOD & ROOF	CODE	TRI-COLOR STRIPING						
Beige	61	Camel Metallic	63	Gold	—	Gold	Gold	—	—	Gold
Light Blue Metallic	22	Dark Blue Metallic	29	Blue	Blue	—	—	—	Blue	Silver
Red	75	Black	19	Red	—	Red	Red	—	Red	Gold
Silver	15	Black	19	Red	—	—	Red	—	Red	Silver
White	11	Black	19	Red	Blue	Gold	Red	Green	Red	Black
Bright Yellow	51	Black	19	Yellow	—	Yellow	—	—	Yellow	Black

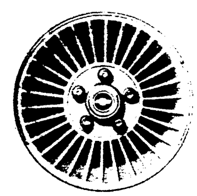
NOTE: These are the only combinations available—NO COLOR OVERRIDES ARE ALLOWED!



Standard Rally Wheels Color-Keyed to Match Exterior Body Color.



Available Custom Styled Wheels (RPO PEI)



Available Aluminum Wheels (RPO N90). Color-Keyed To Exterior/Interior Colors in Gold, Silver or Black. See Chart for details.

AVAILABLE OPTIONS

	RPO	Price	Berlinetta	Z28	Rally Sport	Sport Coupe
Air Conditioning. Includes Heavy-Duty Radiator	C60		•	•	•	•
Axles: **Performance Axle Ratio**	G92		•	NA	•	•
Limited Slip Differential	G80		•	•	•	•
Battery, Heavy-Duty	UA1		•	•	•	•
Belts, Deluxe Color-Keyed Seat & Shoulder. NA with black interior	AK1		•	•	•	•
Brakes, Power. Required with V8 engines	J50		•	S	•	•
Clock, Electric. Included with Special Instrumentation	U35		S	S	•	•
Console. Color-Keyed. Included with automatic transmission on Z28; required with automatic transmission on all other models. Includes shift control with all transmissions	D55		•	•	•	•
Defogger, Electric Rear Window	C49		•	•	•	•
Door Lock System, Power	AU3		•	•	•	•
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 **5.0 Litre 2-Bbl. V8**	LG3		•	NA	•	•
5.7 Litre 4-Bbl. V8	LM1		•	S	•	•
Floor Mats, Color-Keyed—Front & Rear	B37		•	•	•	•
Glass, Tinted	A01		•	•	•	•
Horns, Dual	U05		S	•	•	•
Instrumentation, Special. Includes tachometer, voltmeter and temperature gages, electric clock	U14		S	S	•	•
Interior Decor/Quiet Sound Group. Includes additional instrument cluster lighting; glove compartment light; bright accents on the instrument panel plus special engine compartment, hood and interior insulation	Z54		S	•	•	•
Lighting, Auxiliary. Includes ashtray light, instrument panel courtesy lights, glove compartment light, luggage compartment light, underhood light, headlight reminder buzzer	TR9		•	•	•	•
Mirrors, Sport—LH Remote & RH Manual	D35		S	S	S	•
Moldings: **Body Side.** Includes vinyl insert	B84		•	NA	•	•
Door Edge Guard	B93		•	•	•	•
Roof Drip. Included with Sport Roof or Style Trim Group	B80		•	•	•	•
Radiator, Heavy-Duty. Included with Air Conditioning on six-cylinder models	V01		•	S	•	•
Radio Equipment: (Note: Check Dealer Order Guide for other equipment included or required) **Delco AM Radio**	U63		•	•	•	•
Delco AM/FM Radio	U69		•	•	•	•
Delco AM/FM/Citizens Band Radio with Power Antenna	UP5		•	•	•	•
Delco AM/FM Stereo/Citizens Band Radio with Power Antenna	UP6		•	•	•	•

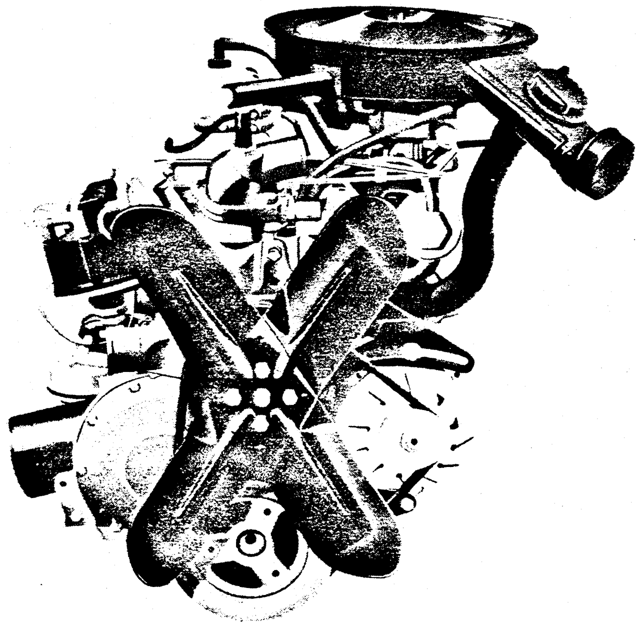
See Options Section for Additional Details and Illustrations.

	RPO	Price	Berlinetta	Z28	Rally Sport	Sport Coupe
Delco AM/FM Stereo Radio	U58		•	•	•	•
Delco AM Radio with 8-Track Stereo Tape	UM1		•	•	•	•
Delco AM/FM Stereo Radio with 8-Track Stereo Tape	UM2		•	•	•	•
Delco AM/FM Stereo Radio with Stereo Cassette Tape	UN3		•	•	•	•
Delco AM/FM Stereo Radio with Digital Clock Display	UY8		•	•	•	•
Speaker, Rear Seat. Available with AM, AM/FM or AM/FM Citizens Band Radios only	U80		•	•	•	•
Power Antenna. NA with Windshield Antenna	U75		•	•	•	•
Windshield Antenna. Included with factory-installed radios. NA with Power Antenna	U76		•	•	•	•
Roof, Sport. Includes vinyl cover on forward roof area with bright rear accent molding, plus bright roof drip moldings. (See Color and Trim Selections)	——		•	NA	NA	•
Roof Panels, Removable Glass. With twin removable tinted glass panels. Requires Stowaway Spare Tire. NA with Sport Roof	CC1		•	•	•	•
Seat Back, Adjustable Driver's (2 positions)	AN6		•	•	•	•
Speed Control, Automatic. Available only with Automatic Transmission and Power Brakes. Not available in California on six-cylinder models	K30		•	•	•	•
Spoiler, Rear. Includes rear deck and side panel spoiler	D80		•	S	S	•
Sport, Suspension. Includes larger diameter front stabilizer, added rear stabilizer, special shock absorbers and "high-effort feel" power steering	F41		•	NA*	•	•
Steering Wheel, Comfortilt	N33		•	•	•	•
Stowaway Spare Tire. Included with Aluminum Wheels; required with Removable Glass Roof Panels	N65		•	S	•	•
Style Trim Group. Includes bright roof drip, door pillar, upper fender, hood panel and belt moldings. Also includes color-keyed door handle inserts	Z21		•	•	•	•
Tires: **FR78-14 Steel Belted Radial Ply White Stripe**	QDW		S	NA	•	•
FR78-14 Steel Belted Radial Ply White Lettered	QBT		•	NA	•	•
Transmissions: See Power Teams for availability **Four-Speed Manual**	MM4		•	NA	•	•
Automatic. Console included on Z28; required with all other models	MX1		•	•	•	•
Trim, Interior. (See Color and Trim Selections) **Custom Vinyl Interior**	——		S	•	•	•
Custom Knit Cloth Interior	——		•	•	•	•
Sport Cloth Interior	——		NA	•	•	•
Wheel Equipment: **Aluminum Wheels, Color-Keyed.** Includes Stowaway Spare Tire	N90		•	•	•	•
Rally Wheels, Body Color. Includes special wheels, bright trim rings and center caps. Requires steel belted radial ply tires on Sport Coupe with V8 engine	ZJ7		NA	NA	S	•
Full Wheel Covers	P01		NA	NA	NA	•
Custom Styled Wheels, Color-Keyed. Available in Argent on Sport Coupe only with steel belted radial ply tires	PE1		S	NA	•	•
Windows, Power. Available only with Console	A31		•	•	•	•
Windshield Wiper System, Intermittent	CD4		•	•	•	•

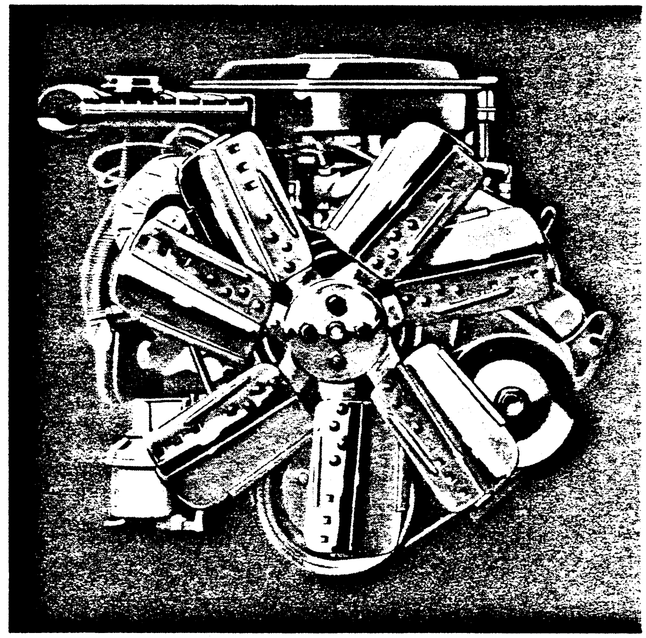
NA—Not Available S—Standard •—Available at extra cost *Special Sport Suspension standard on Z28

See Options Section for Additional Details and Illustrations.

POWER TEAMS



4.1 Litre 1-Bbl. L6 Engine.
Standard on All Models Except Z28



5.7 Litre 4-Bbl. V8 Engine Standard
on Camaro Z28

Engine	RPO No.	Power Rating*	Displacement (*cubic inches*)	Engine Availability: All Models Except Z28	Engine Availability: Z28 Only	Transmission Availability: Three-Speed Manual RPO MM3 (*1*)	Transmission Availability: Four-Speed Manual RPO MM4 (*1*)	Transmission Availability: Four-Speed Close-Ratio Manual RPO M21 (*1*)	Transmission Availability: Automatic RPO MX1 (*2*)
ALL STATES EXCEPT CALIFORNIA (*with Standard Emission System—RPO NA5*)									
4.1 Litre 1-Bbl. L6 **(A)**	L22	115	250	Std.	NA	Std.	NA	NA	EC
5.0 Litre 2-Bbl. V8 **(B)**	LG3	130	305	EC (*3*)	NA	NA	EC	NA	EC
5.7 Litre 4-Bbl. V8 **(B)**	LM1	165	350	EC (*3*)	NA	NA	EC	NA	EC
5.7 Litre 4-Bbl. V8 **(B)**	LM1	180	350	NA	Std.	NA	NA	Std.	EC
ALL STATES EXCEPT CALIFORNIA (*with High Altitude Emission Equipment—RPO NA6*)									
5.7 Litre 4-Bbl. V8 **(B)**	LM1	165	350	EC (*3*)	NA	NA	NA	NA	EC
CALIFORNIA ONLY (*with California Emission Requirements—RPO YF5*)									
4.1 Litre 1-Bbl. L6 **(A)**	L22	90	250	Std.	NA	NA	NA	NA	EC
5.0 Litre 2-Bbl. V8 **(B)**	LG3	125	305	EC (*3*)	NA	NA	NA	NA	EC
5.7 Litre 4-Bbl. V8 **(B)**	LM1	165	350	EC (*3*)	NA	NA	NA	NA	EC
5.7 Litre 4-Bbl. V8 **(B)**	LM1	175	350	NA	Std.	NA	NA	NA	EC

**S.A.E. net horsepower as installed. Std.—Standard. NA—Not Available. EC—Available at extra cost.*
(1) With floor-mounted shift control. (2) Floor Console (RPO D55) required. (3) Power Brakes (RPO J50) required.

(A) Produced by GM—Chevrolet Motor Division at the Flint, Michigan Engine Plant.
(B) 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

See Dealer Order Guide for latest available information.

BODY/CHASSIS FEATURES

Standard on 1979 Camaro

Body Structure & Features

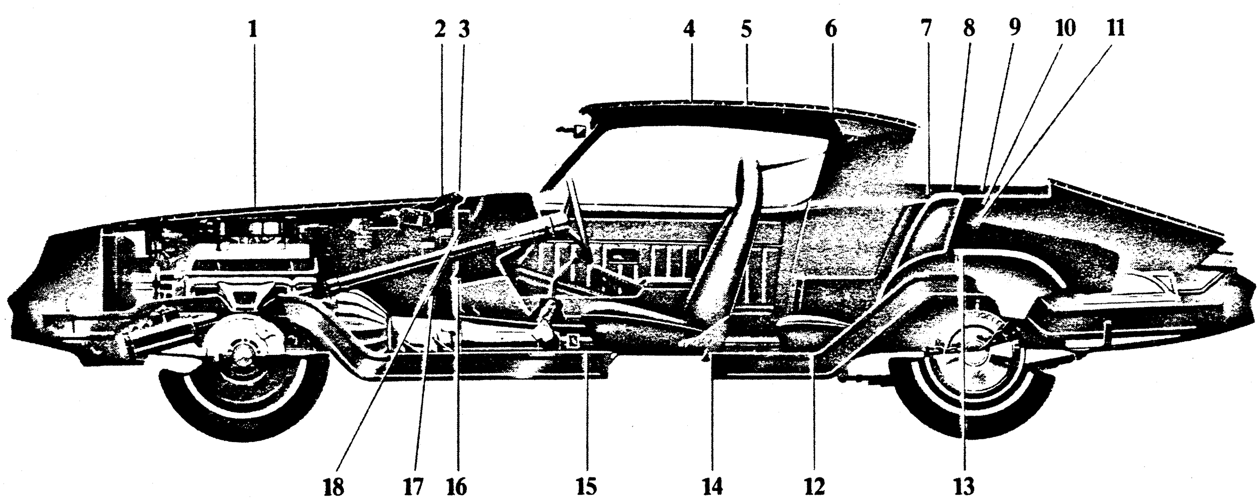
- All-welded heavy-gage steel body construction with cowl, roof, underbody and body panels precision welded to form rigid body shell
- Rugged box-section design roof rails, windshield and rear window headers. door and roof pillars
- Heavy-gage steel roof panel with double-panel construction
- High-strength double-walled cowl unit-welded to instrument panel, floor, and dash panel
- Heavily ribbed and formed underbody with transverse stiffeners welded to underbody and body sills
- Double panel door, hood and deck lid
- Counterbalanced hood, deck lid for ease of operation
- Front and rear inner fenders for corrosion protection
- Flow-thru ventilation system for passenger comfort
- Cushioned body mounting system helps isolate passenger area from road noise and vibration
- Bolt-on front end sheet metal cushion-mounted to stub frame and radiator support assembly for ease of service
- Concealed dual-speed electric windshield wipers
- Durable acrylic finish

Chassis Features

- Power steering helps make parking and maneuvering in city traffic easy
- Power brakes on Z28
- Front disc/rear drum brake system
- Disc brake audible wear sensors to let you know when linings need replacement
- Vented front disc brake rotors and finned rear brake drums aid heat dissipation
- Delcotron generator with built-in solid-state regulator
- Long recommended service intervals for oil change, oil filter, spark plugs, chassis lubrication and available automatic transmission fluid
- Visible ball joint wear indicators on front suspension lower control arms for quick and easy wear inspection
- High Energy Ignition system
- Delco Freedom battery never needs refilling. Sealed side terminals help prevent corrosion buildup
- Coolant recovery system
- All-welded bolt-on front stub frame unit
- Soft fascia front and rear bumper systems
- Independent front coil suspension with stabilizer bar to help control sway
- Special Sport suspension on Z28
- Early Fuel Evaporation systems on all engines for quick warm-up
- Forward-mounted recirculating ball steering gear and linkage
- Independent coil-spring spherical joint front suspension (short and long arm type) with quiet, low-friction non-metallic spherical joint liners and built-in anti-dive control
- Four-link-type rear suspension with dual bias-mounted upper control arms and parallel-mounted lower control arms
- Bias-mounted rear shock absorbers
- Stowaway spare tire on Z28
- GM Specification FR78-14 steel-belted radial ply blackwall tires and 14″ x 6″, or 14″ x 7″ wheels
- GM Specification P225/70R-15 steel-belted radial ply white lettered tires and 15″ x 7″ wheels on Z28

SOUND DEADENING TREATMENT

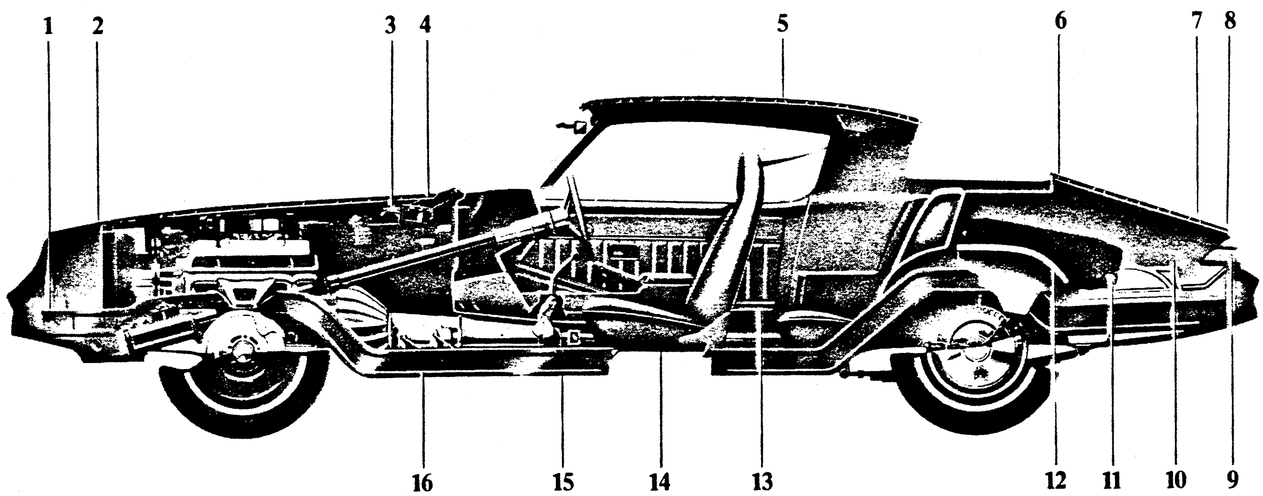
1. Hood blanket insulator
2. Hood to dash seal panel
3. Windshield to dash seal
4. Asphalt saturated felt sound deadening roof pad
5. Cloth and foam headliner
6. Roof deadener mastic tape
7. Fiber insulator sound deadeners on package shelf
8. Noise control pads
9. Fiberboard radio speaker enclosure
10. Fiber insulator in trunk
11. Fiberboard sound deadener behind rear seat



12. Fiber, mastic, and sealer sound deadeners on underbody passenger compartment
13. Spray-on sound deadeners on doors and wheelhouses
14. Auxiliary seals on bottom of doors
15. Fiber insulator on front underbody
16. Insulator on dash panel
17. Seals on front fender to body
18. Sealers and grommets on all openings to dash panel

ANTI-CORROSION MEASURES

1. Phosphate and organic coating on selected fasteners
2. Improved paint application of body and front end panels
3. Phosphate coating and wax on hood hinges
4. Front of dash designed for ram air water separation
5. Watershed joints and flanges designed to prevent water troughs
6. Bolt-on tulip panel permits quick back window water drain-off
7. Adhesively applied nameplates



8. Plastisol® applied on door and decklid hem flanges
9. Drain holes located in doors and decklid to promote drainage
10. Improved electronically deposited dip primer for complete body
11. Zincrometal® rear quarters, front fenders and outer door panels
12. Galvanized steel outer wheel-house, rear compartment floor pan and reinforcements
13. Zinc prime coating on inner door
14. Aluminized wax coating sprayed in body cavities
15. Galvanized steel sill panels and underbody components
16. Wax type coating on frame

EQUIPMENT SUMMARY

EXTERIOR	Berlinetta	Z28	Rally Sport	Sport Coupe
Bright windshield reveal molding	S	NA	S	S
Black windshield reveal molding	NA	S	NA	NA
Bright headlight and parking light bezels	S	NA	S	S
Black headlight and parking light bezels	NA	S	NA	NA
Bright upper and lower grille	S	NA	NA	NA
Argent upper and lower grille	NA	NA	NA	S
Black upper and lower grille	NA	S	S	NA
Single chrome outside rearview mirror	NA	NA	NA	S
Sport mirrors (body colored) LH remote & RH manual	S	S	NA	EC
Sport mirrors (black) LH remote & RH manual	NA	NA	S	NA
Body colored front and rear bumper covers	S	S	S	S
Body colored front spoiler and fender opening flares	NA	S	NA	NA
Hood scoop and decal	NA	S	NA	NA
Specific paint and striping treatments (See color and trim)	S	S	S	EC
Front fender louvers	NA	S	NA	NA
Bright narrow rocker panel molding	NA	NA	NA	S
Black painted rocker panel	S	NA	S	NA
Custom Styled Wheels	S	NA	EC	EC
Bright hubcaps	NA	NA	NA	S
Body colored 15″ x 7″ Sport Wheels	NA	S	NA	NA
Color-keyed Rally wheels	NA	NA	S	EC
White stripe tires	S	NA	EC	EC
Raised white lettered tires	EC	S	EC	EC
Blackwall tires	NA	NA	S	S
Bright rear window reveal molding	S	NA	S	S
Black rear window reveal molding	NA	S	NA	NA
Rear spoiler	EC	S	S	EC
INTERIOR				
Front bucket seats	S	S	S	S
Custom styled front bucket seats	S	EC	EC	EC
Center console (required with automatic transmission)	EC	EC	EC	EC
Soft door trim panel with built-in armrest, integral pull handle and carpeted lower door (Custom trim)	S	EC	EC	EC
Soft door trim panel with built-in armrest and integral pull handle (base trim)	NA	S	S	S
Day/night inside rearview mirror	S	S	S	S
Cigarette lighter	S	S	S	S
Center dome light with bright bezel	S	S	S	S
Foam-backed one-piece perforated vinyl headlining	S	S	S	S
One-piece color-keyed cut-pile carpeting	S	S	S	S
Luggage compartment mat	S	S	S	S
Color-keyed instrument panel, steering wheel and steering column	S	S	S	S
Speedometer calibrated in mph and kph (kilometers per hour)	S	S	S	S
Special Instrumentation	S	S	EC	EC
Electric clock	S	S	EC	EC
Glove compartment with lock	S	S	S	S
Glove compartment light	S	EC	EC	EC
Dual horns	S	EC	EC	EC
Quiet Sound Group	S	EC	EC	EC

S—Standard EC—Extra Cost NA—Not Available

POWER TEAMS/CHASSIS/MECHANICAL	Berlinetta	Z28	Rally Sport	Sport Coupe
4.1 Litre 1-Bbl. L6 (250 cu. in.) engine	S	NA	S	S
5.7 Litre 4-Bbl. V8 (350 cu. in.) engine	EC	S	EC	EC
Three-speed manual transmission	S	NA	S	S
Four-speed close-ratio manual transmission	NA	S	NA	NA
Power steering	S	S	S	S
Forward-mounted recirculating ball steering gear and linkage	S	S	S	S
Front disc/rear drum brake system	S	S	S	S
Power brakes	EC	S	EC	EC
Vented front disc brake rotors and finned rear brake drums	S	S	S	S
Disc brake audible wear sensors	S	S	S	S
FR78 x 14 steel-belted radial ply white stripe tires	S	NA	EC	EC
FR78 x 14 steel-belted radial ply black tires	NA	NA	S	S
GR70 x 15 steel-belted radial ply raised white lettered tires	NA	S	NA	NA
14" x 6" wheels	NA	NA	NA	S
14" x 7" wheels	S	NA	S	EC
15" x 7" wheels	NA	S	NA	NA
Flow-thru ventilation system	S	S	S	S
Delco Freedom battery with sealed side terminals	S	S	S	S
High Energy Ignition system	S	S	S	S
Delcotron generator with built-in solid-state regulator	S	S	S	S
Independent coil-spring spherical joint front suspension (short and long arm type) with low-friction non-metallic spherical joint liners and built-in anti-dive control	S	S	S	S
Front stabilizer bar	S	S	S	S
Visible ball joint wear indicators on front suspension lower control arms	S	S	S	S
Four-link-type multi-leaf rear suspension with dual bias-mounted upper control arms and parallel-mounted lower control arms	S	S	S	S
Double-acting sealed-unit hydraulic front shock absorbers	S	S	S	S
Bias-mounted double-acting sealed-unit hydraulic rear shock absorbers	S	S	S	S
Sport suspension	EC	NA	S	EC
Special Sport suspension with larger diameter front and rear stabilizer bars, heavier rated front springs, shock absorbers with special valving, and special rear spring shackles and bushings	NA	S	NA	NA
Special exhaust system	NA	S	NA	NA
Heavy-gage steel roof panel with double-flanged channel-crossed reinforcing bows	S	S	S	S
Box-section design roof rails, windshield and rear window headers, door and roof pillars	S	S	S	S
High-strength double-walled cowl unit-welded to instrument panel, floor, and dash panel	S	S	S	S
All-welded heavy-gage steel body construction with cowl, roof, underbody and body panels	S	S	S	S
Front and rear inner fenders	S	S	S	S
Double panel door, hood, and deck lid	S	S	S	S
Counterbalanced hood and deck lid	S	S	S	S
Bolt-on front end sheet metal cushion-mounted to partial frame and radiator support assembly	S	S	S	S
Cushioned body mounting system	S	S	S	S
Heavily ribbed and formed underbody with transverse stiffeners welded to underbody and body sills	S	S	S	S

S—Standard EC—Extra Cost NA—Not Available

DIMENSIONS/ SPECIFICATIONS

EXTERIOR DIMENSIONS	Berlinetta Coupe	Z28 Sport Coupe	Rally Sport Coupe	Sport Coupe
Wheelbase	108.0	108.0	108.0	108.0
Length (overall)	197.6	197.6	197.6	197.6
Width (overall)	74.5	74.5	74.5	74.5
Height (loaded)	49.2	49.2	49.2	49.2
Front tread	61.6	61.3	61.3	61.3
Rear tread	60.3	60.0	60.0	60.0
Minimum ground clearance	4.9	4.9	4.9	4.9
INTERIOR ROOMINESS				
Head room—front	37.2	37.2	37.2	37.2
Head room—rear	36.0	36.0	36.0	36.0
Leg room—front	43.9	43.9	43.9	43.9
Leg room—rear	28.4	28.4	28.4	28.4
Hip room—front	55.3	55.3	55.3	55.3
Hip room—rear	46.3	46.3	46.3	46.3
Shoulder room—front	56.7	56.7	56.7	56.7
Shoulder room—rear	54.4	54.4	54.4	54.4
LUGGAGE COMPARTMENT				
Maximum opening width	40.5	40.5	40.5	40.5
Liftover height	27.2	27.2	27.2	27.2
Usable luggage space (cu. ft.)	6.4*	6.4*	6.4*	6.4*
RATED FUEL TANK CAPACITY (gallons)	21	21	21	21
CURB WEIGHT (pounds)	3451	3636	3402	3402

*7.2 cu. ft. with Stowaway spare tire.

METRIC (U.S. Customary)

1979

MVMA

Specifications Form

Passenger Car

ORIGINAL COPY

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

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

MVMA Specifications Form
Passenger Car

Table of Contents

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

U.S. Customary Unit only

Car Models

Model Description (Include Line Drawings of Vehicles, if Desired)	Make, Car line, Series, Body Type (Mfgr's Model Code)	No. of Designated Seating Positions (Front/Rear)		Max. Trunk/Cargo Load—Kilograms (Pounds)
	Model Number	Front	Rear	
Standard 2-Door Sport Coupe	1FQ87	2	2	
Berlinetta 2-Door Sport Coupe	1FS87	2	2	

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

MVMA Specifications Form
Passenger Car

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

U.S. Customary unit 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	ENGINE Displ. litres (in³)	Carb.	Compr. Ratio	SAE Net at RPM kW (bhp)	SAE Net at RPM Torque N·m (lb. ft.)	Exhaust System*	TRANSMISSION	AXLE RATIO (Std. first) (Indicate A/C ratio) A	B	C
Base-All States	4.1L (250) RPO L22	1-Bbl	8.0:1 (Fed.) 8.2:1 (Calif)	115 @ 3800	200 @ 1600	S	3-Spd. Manual (3.50 low) Base-N.A. in California	2.56	-	-
							3-Spd. Automatic Auto.'350'-Opt.	2.56 2.73(d)	-	-
Optional-All states	5.0L (305) RPO LG3	2-Bbl	8.4:1	130 @ 3200	245 @ 2000	S	4-Spd. Manual (2.85 low) Base - N.A. in California	3.08	-	-
							3-Spd. Automatic Auto.'350'-Opt	2.41	-	-
Optional - All states	5.7L (350) RPO LM1	4-Bbl	8.2:1	170 @ 3800	270 @ 2400	S	4-Spd. Manual (2.85 low) Base - N.A. in California	3.08	-	-
							3-Spd. Automatic Auto.'350'-Opt	2.41	3.08	3.08
Optional - All states	5.7L (350) RPO LM1/ Z28	4-Bbl	8.2:1	175 @ 4000	270 @ 2400	D	4-Spd. Manual (2.64 low) Base - N.A. in California	3.73	-	-
							3-Spd. Automatic Opt.-Auto 350	3.42	-	-

\# - 'Base' and 'Optional' refer to engine availability.
A - Base - all states.
B - Optional - all states.
C - Above 4000 Feet altitude (RPO NA6)
Limited slip differential and air conditioning available with all axle ratios.
(d) California only.

California & Altitudes Above 4000 Feet:

Engine	Horsepower	Torque
4.1 Litre	90@3600	175@1600
5.0 Litre	125@3200	235@2000
5.7 Litre	165@3800	260@2400
5.7 Litre (Z28)	170@4000	265@2400

*S—Single D—Dual

Passenger Car

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

U.S. Customary Unit only

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

Engine — General

Total dressed engine mass (wt) dry*	467.2	537.5	566.8
Type (inline, V, Flat)	Inline	V	
No. of cylinders	6	8	
Bore	3.875	3.736	4.00
Stroke	3.53	3.48	
Piston Displacement cm³ (in³)	250	305	350
Bore Spacing (C/L to C/L)		4.40	
Cyl. No. system (front to rear) L Bank	1-2-3-4-5-6	1-3-5-7	
Cyl. No. system (front to rear) R Bank	---	2-4-6-8	
Firing Order	1-5-3-6-2-4	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	9.03	
Number of mtg. points Front	Two		
Number of mtg. points Rear	One		
Engine installation angle	3°16'		
Recommended fuel Leaded, unleaded	Unleaded		
Fuel antiknock index $\frac{(R + M)}{2}$	87		
Cylinder Head Volume — cm³	70.0	60.5	75.5
Head Gasket Thickness (Compressed)	.038	.021	.021
Head Gasket Volume — cm³	.503	.243	.28
Deck clearance (minimum) (above or below block)	.025 below		
Minimum Combustion Chamber Volume — cm³	68.0	59.5	74.8

Engine — Pistons

Material	Aluminum alloy	Cast autothermic	
Description and finish	Sump head; closed skirt		
Mass, g (weight, oz.)—Piston Only	20.2	17.9	21.3
Clearance (limits) Top land	.0245-.0335		.0235-.0325
Clearance (limits) Skirt Top	.0005-.0015(a)	.0017-.0042(b)	.0007-.0017(b)
Clearance (limits) Skirt Bottom			
Ring groove diameter No. 1 ring	3.434-3.444	3.320-3.335	3.541-3.556
Ring groove diameter No. 2 ring	3.434-3.444	3.320-3.335	3.541-3.556
Ring groove diameter No. 3 ring	3.446-3.456	3.300-3.315	3.577-3.592

*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 & 3-spd. man. trans.

(a) Measured 1.66 in. from top of piston.

(b) Measured 1.56 in. from top of piston.

MVMA Specifications Form
Passenger Car

Car Line Camaro

Model Year 1979 Issued 9/78 Revised (•)

U.S. Customary Unit only

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

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	Cast alloy iron; L-6-barrel face, V-8 - Radius face (a)		
	Lower	Cast alloy iron tapered face, lubrited (b)		
	Width	(c)	(d)	(e)
	Gap	.010-.020	Upper - .010-.020	Lower-.013-.025
Oil	Description— material, coating, etc. L-6	0.006 minimum chrome on two segments, stainless steel spacer expander		
	V-8	TRW T-flex design, 0.002" minimum chrome		
	Width	.1850-.1870	.1859-.1879	.1850-.1870
	Gap	.015-.055	.010-.035	.015-.055
Expanders		In oil ring assembly		

Engine — Piston Pins

Material		Chrominum steel	
Length		2.990-3.010	
Diameter		.9270-.9273	
Type	Locked in rod, in piston, floating, etc.	Locked in rod	
	Bushing — In rod or piston	---	
	Bushing — Material	---	
Clearance	In piston	.00015-.00025	.00025-.00035
	In rod		
Direction & amount offset in piston		Major thrust side, 0.060	

Engine — Connecting Rods

Material		Forged steel	1037 or 1038 steel
Mass g (weight, oz.)		14.2	13.7
Length (center to center)		5.695-5.705	
Bearing	Material & Type	Premium aluminum	
	Overall length	.807	.797
	Clearance (limits)	.0007-.0027	.0013-.0035
	End Play	.007-.016	.006-.016

(a) L-6 - .004" moly channel, graphite impregnated or brushed.
    V-8 - .0004" chrome flash
(b) L-6 - Reverse inside bevel.
    V-8 - Reverse twist
(c) L-6 - Upper - .0775-.0780; Lower - .0770-.0780
(d) 305 V-8 - Upper - .0770 - .0780; Lower - .0775 - .0780
(e) 350 V-8 - Upper - .0775 - .0780; Lower - .0775 - .0775

MVMA Specifications Form Passenger Car

Car Line Camaro

Model Year 1979 Issued 9/78 Revised (•)

U.S. Customary Unit only

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

Engine — Crankshaft

Material			Nodular cast iron	
Vibration damper type			Rubber mounted inertia	
End thrust taken by bearing (No.)			7	5
Crankshaft end play			.002-.006	.002-.007
Main bearing	Material & type		(a)	(b)
	Clearance		.0003-.0029	(c)
	Journal dia. and bearing overal length	No. 1	2.2999 x .752	2.4489 x .802
		No. 2	2.2999 x .752	2.4489 x .802
		No. 3	2.2999 x .752	2.4489 x .802
		No. 4	2.2999 x .752	2.4489 x .802
		No. 5	2.2999 x .752	2.4484 x 1.533
		No. 6	2.2999 x .752	---
		No. 7	2.2999 x .760	---
	Dir. & amt. cyl. offset		None	
	No. bolts/main brg. cap		Two	
Crankpin journal diameter			1.999-2.000	2.099-2.100

Engine — Camshaft

Location			(d)	In block above crankshaft
Material			Cast alloy iron	
Bearings	Material		Steel backed babbitt	
	Number		4	5
Type of Drive	Gear, chain or belt		Gear	Silent chain
	Crankshaft gear or sprocket material		Cast iron	Sintered iron
	Camshaft gear or sprocket material		Aluminum	Aluminum-nylon
	Timing chain	No. of links	--	46
	Chain or Belt	Width	--	.625
		Pitch	--	.500

(a) #1 thru #6-premium aluminum.
#7 - Copper lead alloy, except lower with auto. trans.- premium aluminum.

(b) #1 - 305 V-8 - G66 Conecc; 350 V-8 - premium aluminum.
#2 thru #4 - Premium aluminum. #5 upper - copper lead alloy.
#5 lower with manual trans. - copper lead alloy.
#5 lower with auto. trans. - premium aluminum.

(c) #1 -.0008-.0020; #2,3,4 - .0011-.0023; #5-.0017-.0033.

(d) Above and to right of crankshaft.

MVMA Specifications Form
Passenger Car

Car Line Camaro

Model Year 1979 Issued 9/78 Revised (•)

U.S. Customary Unit only

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

Engine — Valve System

	4.1L L22	5.0L LG3	5.7L LM1
Hydraulic lifters (Std., opt., NA)	Standard		
Valve rotator, type (intake, exhaust)	None	Exhaust	
Push rods (dia., length, material)	.3125x9.612(a)	.3125x7.724-1010 steel, carbonitrided	
Rocker ratio	1.75:1	1.50:1	
Operating tappet clearance (indicate hot or cold) — Intake	Zero		
Operating tappet clearance (indicate hot or cold) — Exhaust	Zero		
Timing (based on top of ramp points) — Intake — Opens (°BTC)	16	28	28
Timing — Intake — Closes (°ABC)	48	64	72
Timing — Intake — Duration (deg.)	244	272	280
Timing — Exhaust — Opens (°BBC)	64	78	78
Timing — Exhaust — Closes (°ATC)	50	30	30
Timing — Exhaust — Duration (deg.)	294	288	288
Valve open overlap (deg.)	66	58	58
Intake Valve — Material (b)	Forged SAE 1541 or 1547	SAE 1541 ~~steel~~	Forged SAE 1541 or 1547
Intake Valve — Overall length	4.902-4.922		4.870-4.889
Intake Valve — Actual overall head dia.	1.715-1.725		1.935-1.945
Intake Valve — Angle of seat & face (deg.)	46 seat, 45 face		
Intake Valve — Seat insert material	None		
Intake Valve — Stem diameter	.3410-.3417		
Intake Valve — Stem to guide clearance	.0010-.0027		
Intake Valve — Lift (at zero lash)	.3880	.373	.390
Intake Valve — Outer spring press. & length — Valve closed — N at mm (lb. at in.)	78-86 @ 1.66	76-84 @ 1.70	
Intake Valve — Outer spring press. & length — Valve open — N at mm (lb. at in)	170-180@ 1.26	176-184 @ 1.25	180-188 @ 1.25
Intake Valve — Inner spring press. & length — Valve closed — N at mm (lb. at in.)	None	Spring damper	
Intake Valve — Inner spring press. & length — Valve open — N at mm (lb. at in.)	None	Spring damper	
Exhaust Valve — Material (b)	Armco 21-4N SAE 1050	21-2N - Aluminized head	
Exhaust Valve — Overall length	4.913-4.933		4.910-4.930
Exhaust Valve — Actual overall head dia.	1.495-1.505		
Exhaust Valve — Angle of seat & face (deg.)	46 seat, 45 face		
Exhaust Valve — Seat insert material	None		
Exhaust Valve — Stem diameter	.3410-.3417		
Exhaust Valve — Stem to guide clearance	.0010-.0027		
Exhaust Valve — Lift (at zero lash)	.4051	.4100	
Exhaust Valve — Outer spring press. & length — Valve closed — N at mm (lb. at in.)	78-86@ 1.66	76-84 @ 1.61	
Exhaust Valve — Outer spring press. & length — Valve open — N at mm (lb. at in.)	170-180@ 1.26	184-196 @ 1.16	
Exhaust Valve — Inner spring press. & length — Valve closed — N at mm (lb. at in.)	None	Spring damper	
Exhaust Valve — Inner spring press. & length — Valve open — N at mm (lb. at in.)	None	Spring damper	

(a) 1010 steel carbonitrided
(b) Chrome flash stem.

MVMA Specifications Form
Passenger Car

Car Line: Camaro

Model Year: 1979 Issued: 9/78 Revised (•):

U.S. Customary Unit only

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

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	Centrifugally oiled from camshaft brg.	
	Cylinder walls	Spray	Pressure, jet cross sprayed	
Oil pump type		Gear		
Normal oil pressure-kPa (lb.) at engine rpm		40 @ 2000	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.)		4.0		
Oil grade recommended (SAE viscosity and temperature range)		(b)		
Engine service reqmt. (SD, SE, etc.)		SE		

Engine — Exhaust System

Type (single, single with cross-over, dual, other)		Single	Single with crossover RPO Z28 - Dual	
Muffler No. & Type (reverse flow, straight thru, separate resonator)		One, reverse flow (RPO Z28 - none)		
Resonator No. & type		None	RPO Z28 - Two	
Exhaust Pipe	Branch O.D., wall thickness	--	2.0 x .078	
	Main O.D., wall thickness	2.25 x .078*	2.5 x .078*	
	Material	Stainless steel tubing		
Intermediate Pipe	O.D. & wall thickness	2.25 x .071		
	Material	Aluminized steel tubing		
Tail Pipe	O.D. & wall thickness	2.0 x .062 (RPO Z28 - 2.50 x .068)		
	Material	Aluminized steel tubing (a)		

(*) Laminated

(a) Single exhaust with dual tailpipes on 305 and 350 V-8 engines.

(b) 20°F and above - 20W-20, 10W-30, 10W-40, 20W-40,20W-50
0° to 60°F - 10W, 5W-30, 10W-40, 10W-30
20°F and below - 5W-20, 10W-30

MVMA Specifications Form
Passenger Car

Car Line: Camaro

Model Year: 1979 Issued: 9/78 Revised (•): 2/79

U.S. Customary Unit only

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

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.)		21 (approximately)		
	Filler location		Behind hinged rear license plate		
Fuel Pump	Type (elec. or mech.)		Mechanical		
	Locations		Lower right front of engine		
	Pressure range—kPa (psi)		4.5-6.0	7.5-9.0	
Fuel Filter	Type		Fine mesh plastic strainer in gasoline tank and		
	Locations		paper filter element in carburetor inlet		
Carburetor	Choke type		Automatic		
	Intake manifold heat control (exhaust or water)		Exhaust		
	Air cleaner type	Standard	Single snorkel to outside	Ducted air, closed paper element,	
		Optional	ducted air, thermac	thermac, single snorkel, steel	
	Idle spd.-rpm (spec. neutral or drive)	Manual	800/N	600/N	700/N
		Automatic	675/D (600/D)	500/D (600/D)	500/D*
	Idle A/F mix.				

(*) 600/D above 4000 feet altitude (RPO NA6) except LM1/Z28.

Carburetor Supplementary Information

Model Usage	Piston Displ. —L (in.³)	Transmission	Carburetors Make	Carburetors Model (a)	No. Used and Type	Barrel Size
All	250	Manual	Rochester	17059013	One, 1-Bbl	1.69
		Automatic		17059014 (17059314)		
	305	Manual		17059135	One, 2-Bbl	1.69
		Automatic		17059134 (17059434)		
	350	Manual Automatic		17059203 (17059202) 17059582*	One, 4-Bbl	1.38 pri, 2.25 sec.

(a) Data in brackets ( ) specific to California.
(*) Above 4000 Feet Altitude (RPO NA6).

MVMA Specifications Form
Passenger Car

Car Line Camaro

Model Year 1979 Issued 9/78 Revised (•)

U.S. Customary Unit only

Engine — Cooling System

<table>
<tr><td colspan="3" rowspan="2">Engine Description/Carb.</td><td rowspan="2">4.1L L-6/1-Bbl
RPO L22</td><td rowspan="2">5.0L V-8/2-Bbl
RPO LG3</td><td colspan="2">5.7L V-8/4-Bbl</td></tr>
<tr><td>RPO LM1</td><td>LM1/Z28</td></tr>
<tr><td colspan="3">Coolant recovery system (std., opt., none)</td><td colspan="4">Standard</td></tr>
<tr><td colspan="3">Radiator cap relief valve pressure—kPa (psi)</td><td colspan="4">15</td></tr>
<tr><td rowspan="2">Circulation thermostat</td><td colspan="2">Type (choke, bypass)</td><td colspan="4">Choke</td></tr>
<tr><td colspan="2">Starts to open at °C (°F)</td><td colspan="4">195</td></tr>
<tr><td rowspan="5">Water pump</td><td colspan="2">Type (centrifugal, other)</td><td colspan="4">Centrifugal</td></tr>
<tr><td colspan="2">GPM 1000 pump rpm</td><td>21.0</td><td colspan="3">22.7</td></tr>
<tr><td colspan="2">Number of pumps</td><td colspan="4">One</td></tr>
<tr><td colspan="2">Drive (V-belt, other)</td><td colspan="4">V-belt</td></tr>
<tr><td colspan="2">Bearing type</td><td colspan="4">Permanently lubricated, double row ball</td></tr>
<tr><td colspan="3">By-pass recirculation type (inter., ext.)</td><td colspan="4">Internal</td></tr>
<tr><td colspan="3">Radiator core type (cross-flow, vertical, cellular, tube and fin, other)</td><td colspan="4">Cross flow, tube and center</td></tr>
<tr><td rowspan="3">Cooling System Capacity</td><td colspan="2">With heater—L (qt.)</td><td>14.6</td><td>17.3</td><td colspan="2">17.4</td></tr>
<tr><td colspan="2">Without heater—L (qt.)</td><td colspan="4"></td></tr>
<tr><td colspan="2">Opt. equipment-specify—L (qt.)</td><td colspan="4"></td></tr>
<tr><td colspan="3">Water jackets full length of cyl. (yes, no)</td><td colspan="4">Yes</td></tr>
<tr><td colspan="3">Water all around cylinder (yes, no)</td><td colspan="4">Yes</td></tr>
<tr><td rowspan="6">Radiator hose</td><td rowspan="2">Lower</td><td>Number and type (molded, straight)</td><td colspan="4">One, molded</td></tr>
<tr><td>Inside diameter</td><td colspan="4">1.75</td></tr>
<tr><td rowspan="2">Upper</td><td>Number and type (molded, straight)</td><td colspan="4">One, molded</td></tr>
<tr><td>Inside diameter</td><td colspan="4">1.50</td></tr>
<tr><td rowspan="2">By-pass</td><td>Number and type (molded, straight)</td><td colspan="4">None</td></tr>
<tr><td>Inside diameter</td><td colspan="4">---</td></tr>
<tr><td rowspan="9">Radiator</td><td rowspan="3">Standard</td><td>Width</td><td colspan="3">20.8</td><td>26.3</td></tr>
<tr><td>Height</td><td colspan="4">16.97</td></tr>
<tr><td>Thickness</td><td colspan="4">1.24</td></tr>
<tr><td rowspan="3">A/C</td><td>Width</td><td colspan="4">26.3</td></tr>
<tr><td>Height</td><td colspan="4">16.97</td></tr>
<tr><td>Thickness</td><td>1.24</td><td colspan="3">1.96</td></tr>
<tr><td rowspan="3">Heavy duty</td><td>Width</td><td colspan="4">26.3</td></tr>
<tr><td>Height</td><td colspan="4">16.97</td></tr>
<tr><td>Thickness</td><td>1.24</td><td colspan="3">1.96</td></tr>
<tr><td rowspan="4">Fan (Standard)</td><td colspan="2">Number of blades & spacing</td><td colspan="3">4, staggered</td><td>7</td></tr>
<tr><td colspan="2">Diameter</td><td colspan="3">17.62</td><td>18.0</td></tr>
<tr><td colspan="2">Ratio—fan to crankshaft rev.</td><td>1.16:1</td><td colspan="3">0.949:1</td></tr>
<tr><td colspan="2">Fan cutout type</td><td colspan="4">None</td></tr>
<tr><td rowspan="4">Fan (optional)</td><td colspan="2">No. of blades and spacing</td><td colspan="4">7, staggered</td></tr>
<tr><td colspan="2">Diameter</td><td colspan="4">18.0</td></tr>
<tr><td colspan="2">Ratio—fan to crankshaft rev.</td><td>1.25:1</td><td colspan="3">0.949:1</td></tr>
<tr><td colspan="2">Fan cut-out type</td><td colspan="4">Thermo-modulated viscous type</td></tr>
</table>

MVMA Specifications Form
Passenger Car

Car Line Camaro

Model Year 1979 Issued 9/78 Revised (•)

U.S. Customary unit only

Engine Description/Carb.

			4.1L L-6;5.0L & 5.7LV-8 All states except Calif.	4.1L L-6;5.0L & 5.7LV-8 Calif & 5.7LV-8 above 4000 Feet Altitude

Vehicle Emission Control

Exhaust Emission Control	Type (Air injection, engine modifications, other)		Engine modifications	Manifold air injection
	Air Injection Pump	Type		Semi-articulated vane
		Displacement—cm³ (in³)	Controlled	19.3
		Drive ratio		1.15:1 (L-6); 1.33:1 (V-8)
		Drive type		Crankshaft pulley
		Relief valve (type)		Diverter valve
		Filter (describe)	Combustion	Centrifugal air cleaner
	Air Injection System	Air distribution (head, manifold, etc.)		Exhaust pipe
		Point of entry		Exhaust pipe
		Injection tube i.d.	System	.2700
		Check valve type		Pressure plate system
		Backfire protection (type)		Diverter valve
	Exhaust Gas Recirculation System	Type (controlled flow, open orifice, other)	Controlled flow	
		Valve type	Vacuum modulates shut-off and metering valve	
		Valve location	L-6 - Right front; V-8-Right rear of 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)	Inlet manifold	
	Catalytic Converter System	Catalyst — Type	Platinum - palladium	
		Catalyst — Volume—L (in³)	260	
		Substrate type	Alumina	
		Container location	Beneath right front underbody; also, monolith manifold converter of 0.9 (.015) volume in California on 250 L-6.	
	Other	Carburetor Hot Air	Thermostatically controlled air cleaner regulates and mixes heated air from incoming cold air to reduce hydrocarbon emission.	

MVMA Specifications Form
Passenger Car

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

U. S. Customary Unit only

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

Vehicle Emission Control (Continued)

Crankcase Emission Control	Type (ventilates to atmos., induction system, other)		Standard	Induction system
			Optional	---
	Control Unit	Make and model		A.C. Spark Plug
		Location		Valve rocker cover - L-6, upper rear; V-8, left front
		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—dm³ (ft³)		Approximately 10% of refill capacity
		Relief Pressure kPa (psi) and location		1.1
		Vacuum relief kPa (psi) and location		0.7
		Vapor-liquid separator type		Integral with fuel tank
		Vapor vented to (crankcase, canister, other)		Canister
	Carburetor	Vapor vented to (crankcase, canister, other)		Canister
	Vapor Storage	Storage provision (crankcase, canister, other)		Canister
		Volume—dm³ (ft³) or capacity (grams)		Approximately 50 grams
		Control valve type		Controlled by orifice and carburetor throttle body and throttle blade position.

MVMA Specifications Form
Passenger Car

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

U.S. Customary Unit only

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

Electrical — Supply System

			4.1L L-6	5.0L V-8	5.7L V-8
Battery	Make and Model		Delco 'Freedom'		
	Voltage Rtg.—V— & Total Plates		12V-2500 watts	12V-3200 watts	
	SAE Designation No. and/or capacity		60 minute reserve capacity	80 minute reserve capacity	
	Location		Engine compartment, right front		
Generator or Alternator	Make		Delco Remy		
	Model		1102491	1102394	
	Type and rating		Diode rectified - 37A		
	Output at engine idle (neutral) A		12-20		
	Ratio—Gen. to Cr/s rev.		2.73:1		
Regulator	Make		Delco Remy		
	Model		---		
	Type		Micro circuit unit; integral with alternator		
	Regulated	Voltage	13.8-14.8		
		Current A	---		
	Voltage test conditions	Temperature—°C (°F)	Operating		
		Load A	3-8		
		Other	None		

Electrical — Starting System

				4.1L L-6	5.0L V-8	5.7L V-8
Starting Motor	Make			Delco Remy		
	Model			1109061	(a)	(b)
Motor Drive	Engagement Type			Positive shift solenoid		
	Pinion engages from (front, rear)			Rear		
	Number of teeth	Pinion		9		
		Flywheel	Manual	153	168	
			Auto	153	168	

(a) Manual trans.-1109074; auto. trans.-1109064
(b) Manual trans.-1109068; auto. trans.-1109065

MVMA Specifications Form
Passenger Car

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

U.S. Customary Unit only

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

Electrical — Ignition System — Distributor

Distributor	Manual	1110748	1103281	1103353
	Automatic	1110748 (1110716)	1103379 (1103285)	1103353 (1103285)
Timing	Manual	8°BTC	4°BTC	6°BTC
	Automatic	10°BTC (6° BTC)	4°BTC (4°BTC)	6°BTC (8°BTC)

Distributor Model	CENTRIFUGAL ADVANCE Crankshaft Degrees at Engine RPM			VACUUM ADVANCE Crankshaft Deg. at kPa (in. of Hg.)	
	Start	Intermediate	Maximum	Start	Maximum
1110748	0 @1000	7 @1600	20 @4200	0 @4	20 @10
1110716	0 @1000	7 @1600	20 @4200	0 @4	15 @12
1103281	0 @1000	10 @1700	20 @3800	0 @4	18 @12
1103285	0 @1200	12 @2000	22 @4200	0 @4	10 @ 8
1103353	0 @1100	12 @1600	22 @4600	0 @4	20 @10
1103379	0 @1000	10 @1700	20 @3800	0 @3	20 @8

Data in brackets () specific to California.

MVMA Specifications Form Passenger Car

Car Line Camaro

Model Year 1979 Issued 9/78 Revised (•)

U. S. Customary Unit only

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

Electrical — Ignition System

			4.1L L-6/1-Bbl RPO L22	5.0L V-8/2-Bbl RPO LG3	5.7L V-8/4-Bbl RPO LM1
Type	Conventional — Std., Opt., N.A.				
	Transistorized — Std., Opt., N.A.		N.A.		
	Other (specify)		N.A.		
Coil	Make		High Energy Ignition System (H.E.I.)		
	Model		Delco Remy		
	Current	Engine stopped — A	Integral with distributor cap		
		Engine idling — A			
Spark Plug	Make				
	Model		AC Spark Plug		
	Thread (mm)		P46TS		P45TS
	Tightening torque — N·m (lb. ft.)		14		
	Gap		25		
			.035		.045

Electrical — Suppression

Locations & type	

Electrical — Instruments and Equipment

Speedometer	Type	
	Trip odometer (std., opt., N.A.)	Circular dial with pointer
EGR maintenance indicator		N.A.
Charge Indicator	Type	N.A.
	Warning device	Tell-Tale
Temperature Indicator	Type	N.A.
	Warning device	Tell-Tale
Oil pressure Indicator	Type	N.A.
	Warning device	Tell-Tale
Fuel Indicator	Type	N.A.
	Warning device	Electric Gauge
Windshield Wiper	Type — standard	N.A
	Type — optional	Electric, two-speed
	Blade length	Intermittent windshield wipers
	Swept area — cm^2 ($in.^2$)	16.0 in.
Windshield Washer	Type — standard	841.02 sq. in.
	Type — optional	Push Button
	Fluid level indicator	None
Horn	Type	N.A.
	Number used	Vibrator
	Current draw (A) per horn	Dual 1-1FS87 model Berlinetta, single (low note on 1FG87 model)
		4.5-6.5 @ 12.5 volts
Other		Parking brake warning light, brake failure warning light, restraint system warning light and buzzer.

MVMA Specifications Form Passenger Car

Car Line Camaro

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

U.S. Customary unit only

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

Drive Units — Clutch (Manual Transmission)

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

Drive Units —Transmissions

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

Drive Units — Manual Transmissions

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

MVMA Specifications Form
Passenger Car

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

U.S. Customary Unit only

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

Drive Units—Automatic Transmission

Trade name		3-Speed Automatic			
Type (describe)		Torque converter with planetary gears			
Selector location		Steering column - floor mounted when used with optional floor console			
Gear Ratios	P	Park			
	R	1.93			
	N	Neutral			
	D	2.52-1.52-1.00			
	L2	2.52-1.52			
	L1	2.52			
Max. upshift speed—drive range—km/h (mph)		65-80	73-90	73-90	63-76
Max. kickdown speed—drive range—km/h (mph)		62-77	70-86	69-86	60-74
Torque Converter	Number of elements	3			
	Max. ratio at stall	2.0			
	Type of cooling (air, liquid)	Liquid			
	Nominal diameter	11.75			
Lubricant	Capacity—refill—L (pt.)	8.0			
	Type recommended	Dexron II			
Special transmission features					

Drive Units—Axle

Type (front, rear)			Rear
Description			Semi-floating axle shaft, overhung drive pinion and ring gear
Limited Slip differential, type			Disc clutches
Drive Pinion Offset			1.75 vertical
No. of differential pinions			Two
Pinion adjustment (shim, other)			Shims
Pinion bearing adj. (shim, other)			Collapsible sleeve
Wheel bearing type			Direct or single row cylindrical
Lubricant	Capacity—L (pt.)		4.25
	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		2.41	2.73	3.08	3.42	3.73	2.56
No. of teeth	Pinion	17	15	13	12	11	16
	Ring gear	41	41	40	41	41	[illegible]
Ring Gear O. D.		8.50					

MVMA Specifications Form
Passenger Car

Car Line Camaro

Model Year 1979 Issued 9/78 Revised (•)

U.S. Customary Unit only

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

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.	2.75 x 48.55x .065	N.A.		
	Manual 4-speed trans.	N.A.	2.75x48.55x.065		2.75 x 48.0 x.065
	Manual 5-speed trans.	N.A.			
	Overdrive	N.A.			
	Automatic transmission	2.75x48.55x.065			
Intermediate bearing	Type (plain, anti-friction)	None			
	Lubrication (fitting, prepack)	---			
Slip Yoke	Type	Yoke			
	Number of teeth	27			32
	Spline O. D.	1.502			
Universal joints	Make and Mfg. No.	Saginaw 44			
	Number used	Two			
	Type (ball and trunnion, cross)	Cross			
	Rear attach (u-bolt, clamp, etc.)	Strap & bolt			
	Bearing — Type (plain, anti-friction)	Anti-friction			
	Bearing — Lubric. (fitting, prepack)	Prepack			
Drive taken through (torque tube or arms, springs)		Springs			
Torque taken through (torque tube or arms, springs)		Springs			

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

MVMA Specifications Form
Passenger Car

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

U.S. Customary Unit only

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

Drive Units—Tires And Wheels (Standard)

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

Drive Units—Tires And Wheels (Optional)

Size, load range, ply	E78-14(b)		
Type (bias, radial, etc.)	Bias belted		
Wheel type & material	Rally steel		Aluminum ; styled
Rim (size, flange type, and offset)	14x6		15x7
Size, load range, ply			
Type (bias, radial, etc.)			
Wheel type & material	Rally;steel		
Rim (size, flange type, and offset)	14x7		
Size, load range, ply			
Type (bias, radial, etc.)			
Wheel type & material	Styled urethane steel		
Rim (size, flange type, and offset)	14x7		
Size, load range, ply			
Type (bias, radial, etc.)			
Wheel type & material	Styled; aluminum		
Rim (size, flange type, and offset)	14x7		
Size, load range, ply			
Type (bias, radial, etc.)			
Wheel type & material			
Rim (size, flange type, and offset)			

Brakes—Parking

Type of control		Foot pedal apply; 'T' handle release
Location of control		Left of steering column under instrument panel
Operates on		Rear service brakes
If separate from service brakes	Type (internal or external)	---
	Drum diameter	---
	Lining size (length x width x thickness)	---

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

MVMA Specifications Form
Passenger Car

Car Line Camaro

Model Year 1979 Issued 9/78 Revised (•)

Body Type And/Or Engine Displacement

2-Door Sport Coupe

Brakes—Service

Brake Type (std., Opt., N.A.)	Drum	Front		---
		Rear		Standard
	Disc	Front		Standard
		Rear		---
Self-adjusting (std., opt., N.A.)				Standard
Special Valving	Type (proportion, delay, metering, other)			Metering & proportioning
Power Brake (std., opt., N.A.)				Standard-V8 engines; Optional - L6 engines
Booster Type (remote, integral, vac., hyd., etc.)				Integral
Anti-skid device type (std., opt., N.A.)				N.A.
Effective area—cm² (in.²)*				100.5
Gross lining area—cm² (in.²)**				115.6
Swept area—cm² (in.²)***				326.4
Rotor	Outer working diameter		F	11.0
			R	--
	Thickness		F	1.03
			R	--
	Material & type (vented/solid)		F	Cast iron, vented
			R	--
Drum	Diameter (nominal)		F	--
			R	9.5
	Type and material			Composite, finned, cast iron steel web
Wheel cylinder bore	Front			2.9375
	Rear			0.9375
Master Cylinder	Bore			Manual - 1.0; Power - 1.125
	Stroke			Manual - 1.25; Power - 1.41
Pedal arc ratio				Manual - 6.22:1; Power 3.58:1
Line pressure at 445 N (100 lb.) pedal load—MPa (psi)				
Lining Clearance Per Shoe	Front			Self adjusting
	Rear			Self adjusting
Brake lining	Front Wheel	Bonded or riveted, rivets/seg.		Riveted; 8
		Rivet size		Front - .210x.379; Rear - .143x.250
		Manufacturer		Delco Moraine
		Lining Code		Inboard - GM110FF; Outboard - GM115FE
		Material		Molded asbestos
		**** Size	Prim. or out-board	5.40x1.92 x .465
			Second or in-board	5.40x1.92 x .465
		Shoe thickness (no lining)		.540
	Rear Wheel	Bonded or riveted, rivets/seg.		Riveted; 10 primary, 12-secondary
		Manufacturer		Inlite
		Lining Code		Primary - GM224FF; Secondary - GM236FF
		Material		Molded asbestos
		**** Size	Prim. or out-board	7.30x2.0x.23
			Second or in-board	9.46x2.0 .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 Camaro

Model Year 1979 Issued 9/78 Revised (*)

U.S. Customary Unit only

2-Door Sport Coupe

Steering

Manual (std., opt., N.A.)				N.A.
Power (std., opt., N.A.)				Standard
Adjustable steering wheel, (tilt, swing, other)	Type and description			Comfortilt: universally jointed steering shaft at base of steering wheel; six (6) position
	(Std., opt., N.A.)			Optional
Wheel diameter	Manual			N.A.
	Power			15.0
Turning diameter (feet)	Outside front	Wall to wall (l. & r.)		41.1
		Curb to curb (l. to r.)		38.5
	Inside rear	Wall to wall (l. to r.)		
		Curb to curb (l. to r.)		
Manual	Gear	Type		
		Make		
		Ratios	Gear	
			Overall	
	No. of [illegible] turns (stop to stop)			
Power	Type ([illegible] linkage, etc.)			Integral gear & power piston with vane type pump
	Make			Saginaw Steering
	Gear	Type		Semi-reversible, recirculating ball stud
		Ratios	Gear	16.0/13.0:1 (14.0:1 W/RPO Z28)
			Overall	15.03/10.61 (13.0:1 W/RPO Z28)
	Pump driven by			Crankshaft pulley
	No. wheel turns (stop to stop)			2.41 (2.61 W/RPO Z28)
Linkage	Type			Parallel-O-gram
	Location (front or rear of wheels, other)			Front
	Drag links (trans. or longit.)			None
	Tie rods (one or two)			Two
Steering Axis	Inclination at camber (deg.)			10.35 @1 Degree camber
	Bearings (type)	Upper		Ball stud with non-metallic bearings
		Lower		Ball stud with non-metallic & sintered iron bearings
		Thrust		None
Steering spindle & joint type				Steering knuckle with spherical joints
Wheel Spindle	Diameter	Inner bearing		1.2493-1.2498
		Outer bearing		.8437-.8445
	Thread size			3/4-20 UNEF -3A (modified)
	Bearing type			Tapered roller
Wheel Align at curb mass (wt.)	Service checking	Caster (deg.)		0 to +2
		Camber (deg.)		+0.2 to +1.8
		Toe-in [outside track-mm (in.)]		+.05 to +.25
	Service reset	Caster		+1 ± 0.5
		Camber		+1 ± 0.5
		Toe-in		+.10 ± .05
	Periodic [illegible] inspection	Caster		-1 to + 2.5
		Camber		-0.5 to +2.5
		Toe-in		-.15 to +.55

MVMA Specifications Form
Passenger Car

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

U.S. Customary Unit only

Body Type And/Or Engine Displacement

2-Door Sport Coupe

Suspension — General

(See Supplement page for details on Air Suspension)

Provision for car leveling		Front stabilizer bar
Provision for brake dip control		Front suspension geometry
Provision for acc. squat control		Rear suspension geometry
Special provisions for car jacking		Slots in outboard portion of front & rear bumper face bars
Shock absorber front & rear	Type	Direct, double acting, hydraulic
	Make	Delco
	Piston dia.	1.0
Other special features		

Suspension — Front

Type and description		Independent, SLA with coil springs
Travel	Full Jounce	3.15
	Full Rebound	3.76
Spring	Type (coil, leaf, other)	Coil
	Material	Steel alloy
	Size (coil design height & I.D., bar length x dia.)	11.0 x 4.5; 116.14 x .617 (a)
	Spring rate — N/mm (lb./in.)	300 (365 W/RPO Z28
	Rate at wheel — N/mm (lb./in.)	89 (109 W/RPO Z28)
Stabilizer	Type (link, linkless, frameless)	Link
	Material & bar diameter	HR steel; Base-.9375; RPO F41-1.0; RPO Z28-1.125

Suspension — Rear

Type and description			Salisbury with multiple leaf springs
Drive and torque taken through			Rear springs
Travel	Full Jounce		2.88
	Full Rebound		Left - 4.93; Right - 5.21
Spring	Type (coil, leaf, other)		Leaf
	Material		Chrome carbon steel
	Size (length x width, coil design height & I.D., bar length & dia.)		56.0 x 2.50
	Spring rate—N/m (lb./in.)		98 (130 w/RPO Z28)
	Rate at wheel—N/m (lb./in.)		108(140 W/RPO Z28)
	Mounting insulation type		Rubber bushed at shackle and hanger
	If leaf	No. of leaves	Five
		Shackle (comp. or tens.)	Compression
Stabilizer	Type (link, linkless, frameless)		Link
	Material & bar diameter		Steel; RPO F41 - .5625; RPO Z28 - .625
Track bar type			

(a) For base equipped model, springs for all models computer selected by size and rate according to vehicle weight including optional equipment.

MVMA Specifications Form
Passenger Car

Car Line Camaro

Model Year 1979 Issued 9/78 Revised (•)

U. S. Customary Unit Only

Body Type

2-Door Sport Coupes

1FQ87 1FS87

Body — Miscellaneous Information

Type of finish (lacquer, enamel, other)		Acrylic Lacquer
Hood counterbalanced (yes, no)		Yes
Hood release control (internal, external)		External
Vehicle ident. No. Location		Top left hand of instrument panel
Vent window control method (crank, friction pivot, power)	Front	NA
	Rear	NA
Seat cushion type	Front	Formed, foam pad
	Rear	Formed, foam pad
	3rd Seat	---
Seat back type	Front	Formed, foam pad
	Rear	Formed, foam pad
	3rd seat	---
Method of holding luggage compart. lid open		Torsion bars
Position of spare tire storage		Right Corner-Flat

Frame

Type and description (Separate frame, unitized frame, partially-unitized frame)	Body-frame integral with separate partial frame.

MVMA Specifications Form
Passenger Car

Car Line Camaro

Model Year 1979 Issued 9/78 Revised (•)

U.S. Customary Unit only

Body Type

	2-Door Sport Coupes	
	1FQ87	1FS87

Convenience Equipment

Power windows	Side Windows	Optional
	Vent windows	NA
	Backlight or tailgate	NA
Power seats (specify type as well as availability)		NA
Reclining front seat back (R-L or both)		NA
Radios (specify type as well as availability)		Optional-AM Pushbutton, AM/FM Pushbutton, AM/FM Stereo, AM-Stereo and tape player, AM/FM Stereo and tape player. (a)
Rear seat speaker		Optional
Power antenna		NA
Clock		Optional
Air conditioner (specify type)		Optional-Four Season, manual control
Speed warning device		NA
Speed control device		Optional-with Automatic Trans, N/A with L6 engine in California
Ignition lock lamp		NA
Dome lamp		Standard
Glove compartment lamp		Standard 1FS87-Optional 1FQ87
Luggage compartment lamp		Optional
Underhood lamp		Optional
Courtesy lamp		Optional
Map lamp		NA
Cornering lamp		NA
Rear window defroster electrically heated		Optional
Rear window defogger		NA
Theft protection—type		Lock mounted on steering column, locks steering Wheel , transmission shift lever and ignition.

(a) - AM/FM Stereo Radio with Citizen's band transceiver.
AM/FM Monaural Radio with Citizen's band transceiver.
AM/FM Stereo Radio with Clock and Digital display.

MVMA Specifications Form
Passenger Car

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

Vehicle Mass (Weights)

Model	CURB MASS, kg. (Weight, lb.)*			% PASS. WEIGHT DISTRIBUTION				SHIPPING MASS kg. (Weight, lb.)**
				Pass. In Front		Pass. In Rear		
	Front	Rear	Total	Front	Rear	Front	Rear	
STANDARD								
2-Door Sport Coupe 1FQ87	1878	1514	3392	40.7	59.3	15.3	84.7	3282
BERLINETTA								
• 2-Door Sport Coupe 1FS87	1900	1558	3458	40.7	59.3	15.3	84.7	3348

CURB WEIGHT - The calculated weight of a vehicle with standard equipment, only as designed with additional load of oils, lubes, coolants, and fuel all filled to capacity.

SHIPPING WEIGHT - Same as base curb weight except 3 gallons of gasoline.

*Reference — SAE J1100a, Motor Vehicle Dimensions, Curb Weight Definition.
**Shipping Mass (Weight) definition—

MVMA Specifications Form
Passenger Car

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

U.S. Customary Unit only

Optional Equipment Mass (Weights)*

Equipment Differential Mass (Weights)	MASS, kg. (Weight, lb.) Front	Rear	Total	Remarks
Air Conditioning	+61	+8	+69	With L6 Engine
	+80	+10	+90	With V8 Engine
Power Brakes	+8	+1	+9	Optional L6 engine, standard on V8 engine
Electric Door Locks	+1	+3	+4	
Power Windows	+4	+4	+8	
Floor Mats Front & Rear	+4	+4	+8	
Exterior Soft Roof Cover	0	+1	+1	
Front Compartment Console	+3	+2	+5	With 3 & 4-speed transmission
	+6	+3	+9	With Automatic Transmission
Spoiler-Rear	-3	+12	+9	
Sport suspension	+3	+8	+11	
Rally Wheel, Hub Cap & Trim Ring				
14x6	+10	+10	+20	With N65
14x7	+2.5	+2.5	+5	With N65
Urethane Styled Steel wheel 14x7	+8	+10	+18	Optional-1FQ87, Base 1FS87
Wheel Trim Cover	+1	+1	+2	Optional 1FQ87
Radio AM Push-Button	+4	+2	+6	
Radio AM/FM Push Button	+6	+1	+7	
Radio AM/FM Stereo	+8	+2	+10	
Radio AM Stereo & Tape	+8	+3	+11	
Radio AM/FM Stereo & Tape	+8	+3	+11	
Auxiliary Speaker	0	+4	+4	

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

MVMA Specifications Form
Passenger Car

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

U.S. Customary Unit Only

Optional Equipment Mass (Weights)*

Equipment Differential Mass (Weights)	MASS, kg. (Weight, lb.) Front	Rear	Total	Remarks
Special Performance Z28 Package	+33	+15	+48	
305 CID V8 Engine RPO LG3	+123	+7	+130	
350 CID V8 Engine RPO LM1	+128	+6	+134	
4-Speed Transmission	+4	+2	+6	With LG3 & LM1 Engines
	-5	-2	-7	Required with RPO Z28
3-Speed Automatic Trans.	+12	+6	+18	With L6 & V8 Engines
Radio, AM/FM Stereo with Citizen's band Transceiver	+7.5	+2.5	+10	
Radio, AM/FM Monaural with Citizen's band Transceiver	+7.5	+2.5	+10	
Radio, AM/FM Stereo with Clock and Digital Display	+7.5	+2.5	+10	

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

MVMA Specifications Form
Passenger Car

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

U. S. Customary Unit 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.

<table>
<tr><th></th><th>SAE Ref. No.</th><th colspan="2">Body Type
2-Door Sport Coupes</th></tr>
<tr><th></th><th></th><th>1FQ87</th><th>1FS87</th></tr>
<tr><td colspan="4">Width</td></tr>
<tr><td>Tread — Front</td><td>W101</td><td>61.3</td><td>61.6</td></tr>
<tr><td>Tread — Rear</td><td>W102</td><td>60.0</td><td>60.3</td></tr>
<tr><td>Vehicle width</td><td>W103</td><td colspan="2">74.5</td></tr>
<tr><td>Body width at Sg RP — front</td><td>W117</td><td colspan="2">--</td></tr>
<tr><td>Vehicle width — front doors open</td><td>W120</td><td colspan="2">140.5</td></tr>
<tr><td>Vehicle width — rear doors open</td><td>W121</td><td colspan="2">--</td></tr>
<tr><td colspan="4">Length</td></tr>
<tr><td>Wheelbase</td><td>L101</td><td colspan="2">108.0</td></tr>
<tr><td>Vehicle length</td><td>L103</td><td colspan="2">197.6</td></tr>
<tr><td>Overhang — front</td><td>L104</td><td colspan="2">43.8</td></tr>
<tr><td>Overhang — rear</td><td>L105</td><td colspan="2">45.8</td></tr>
<tr><td>Upper structure length</td><td>L123</td><td colspan="2">94.2</td></tr>
<tr><td>Rear wheel C.L "X" coordinate</td><td>L127</td><td colspan="2">86.7</td></tr>
<tr><td>Cowl point "X" coordinate</td><td>L125</td><td colspan="2">9.4</td></tr>
<tr><td colspan="4">Height*</td></tr>
<tr><td>Passenger Distribution (frt/rear)</td><td>PD1 2.3</td><td colspan="2">2-2</td></tr>
<tr><td>Trunk/Cargo load</td><td></td><td colspan="2">0</td></tr>
<tr><td>Vehicle height</td><td>H101</td><td colspan="2">49.2</td></tr>
<tr><td>Cowl point to ground</td><td>H114</td><td colspan="2">35.3</td></tr>
<tr><td>Deck point to ground</td><td>H138</td><td colspan="2"></td></tr>
<tr><td>Rocker panel front to ground</td><td>H112</td><td colspan="2">6.8</td></tr>
<tr><td>Bottom of door closed-front to grd.</td><td>H133</td><td colspan="2">11.4</td></tr>
<tr><td>Rocker panel rear to ground</td><td>H111</td><td colspan="2">5.8</td></tr>
<tr><td>Bottom of door closed-rear to grd.</td><td>H135</td><td colspan="2">--</td></tr>
<tr><td>Windshield slope angle</td><td>H122</td><td colspan="2"></td></tr>
<tr><td colspan="4">Ground Clearance*</td></tr>
<tr><td>Front bumper to ground</td><td>H102</td><td colspan="2">13.8</td></tr>
<tr><td>Rear bumper to ground</td><td>H104</td><td colspan="2">11.0</td></tr>
<tr><td>Bumper to ground—front at curb mass (wt.)</td><td>H103</td><td colspan="2">14.5</td></tr>
<tr><td>Bumper to ground—rear at curb mass (wt.)</td><td>H109</td><td colspan="2">13.7</td></tr>
<tr><td>Angle of approach</td><td>H106</td><td colspan="2">25°15'</td></tr>
<tr><td>Angle of departure</td><td>H107</td><td colspan="2">12°18'</td></tr>
<tr><td>Ramp breakover angle</td><td>H147</td><td colspan="2">11°16'</td></tr>
<tr><td>Rear axle differential to ground</td><td>H153</td><td colspan="2">6.3</td></tr>
<tr><td>Min. running ground clearance</td><td>H156</td><td colspan="2">4.9</td></tr>
<tr><td>Location of min. run. grd. clear.</td><td></td><td colspan="2">Catalytic Converter</td></tr>
</table>

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

MVMA Specifications Form Passenger Car

Car Line Camaro

Model Year 1979 Issued 9/78 Revised (•)

U. S. Customary Unit 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 Sport Coupes 1FQ87	1FS87
Width			
Tread — Front	W101	61.3	61.6
Tread — Rear	W102	60.0	60.3
Vehicle width	W103	74.5	
Body width at Sg RP — front	W117	--	
Vehicle width — front doors open	W120	140.5	
Vehicle width — rear doors open	W121	--	
Length			
Wheelbase	L101	108.0	
Vehicle length	L103	197.6	
Overhang — front	L104	43.8	
Overhang — rear	L105	45.8	
Upper structure length	L123	94.2	
Rear wheel C/L "X" coordinate	L127	86.7	
Cowl point "X" coordinate	L125	9.4	
Height*			
Passenger Distribution (frt./rear)	PD1.2.3	2-2	
Trunk/Cargo load		0	
Vehicle height	H101	49.2	
Cowl point to ground	H114	35.3	
Deck point to ground	H138		
Rocker panel front to ground	H112	6.8	
Bottom of door closed-front to grd.	H133	11.4	
Rocker panel rear to ground	H111	5.8	
Bottom of door closed-rear to grd.	H135	--	
Windshield slope angle	H122		
Ground Clearance*			
Front bumper to ground	H102	13.8	
Rear bumper to ground	H104	11.0	
Bumper to ground—front at curb mass (wt.)	H103	14.5	
Bumper to ground—rear at curb mass (wt.)	H109	13.7	
Angle of approach	H106	25°15'	
Angle of departure	H107	12°18'	
Ramp breakover angle	H147	11°16'	
Rear axle differential to ground	H153	6.3	
Min. running ground clearance	H156	4.9	
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.
Manufacturers Design Load Weight is defined with indicated passenger distribution and trunk/cargo load.

MVMA Specifications Form
Passenger Car

Car Line Camaro

Model Year 1979 Issued 9/78 Revised (•)

Car and Body Dimensions See Key Sheets for definitions

U.S. Customary Unit only

Body Type

	SAE Ref. No.	2-Door Sport Coupes 1FQ87 1FS87

Front Compartment

Sg RP front "X" coordinate	L31	42.8
Effective head room	H61	37.2
Effective T Point head room	H75	37.4
Max. eff. leg room — accelerator	L34	43.9
Sg RP — front to heel	H30	6.1
Design H-point front travel	L17	5.0
Shoulder room	W3	56.7
Hip room	W5	55.3
Upper body opening to ground	H50	45.7
Steering Wheel Angle	H18	17.6°
[illegible]	L40	26.0°

Rear Compartment

Sg RP Point couple distance	L50	27.3
Effective head room	H63	36.0
Effective T Point head room	H76	35.9
Min. effective leg room	L51	28.4
Sg RP—second to heel	H31	8.4
Knee clearance	L48	- 2.5
Compartment room	L3	22.7
Shoulder room	W4	54.4
Hip room	W6	46.3
Upper body opening to ground	H51	--

Luggage Compartment

Usable luggage capacity—L (cu. ft.)	V1	7.1
Liftover height	H195	27.2

MVMA Specifications Form
Passenger Car

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

U.S. Customary Unit only

Car and Body Dimensions See Key Sheets for definitions

Body Type

SAE Ref. No.	2-Door Sport Coupes 1FQ87	1FS87

Station Wagon — Third Seat

Shoulder room	W85	
Hip room	W86	NOT
Effective leg room	L86	APPLICABLE
Effective head room	H86	
Effective T Point head room	H89	
Seat facing direction	SD1	

Station Wagon — Cargo Space

Cargo length—open—front	L200	
Cargo length—open—second	L201	
Cargo length—closed—front	L202	
Cargo length—closed—second	L203	
Cargo length at belt—front	L204	
Cargo length at belt—second	L205	NOT
Cargo width—wheelhouse	W201	APPLICABLE
Rear opening width at floor	W203	
Opening width at belt	W204	
Max. rear opening width above belt	W205	
Cargo height	H201	
Rear opening height	H202	
Tail gate to ground height	H250	
Front seat back to load floor height	H197	
Cargo volume index—m^3 ($ft.^3$)	V2	
Hidden cargo volume—m^3 ($ft.^3$)	V4	

Hatchback — Cargo Space

Front seat back to load floor height	H197	
Cargo length at front seat Back Height	L208	NOT
Cargo length at floor—front	L209	APPLICABLE
Cargo volume index—L ($ft.^3$)	V3	
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 Camaro
Model Year 1979 Issued 9/78 Revised (•) 2/79

U.S. Customary Unit only

Car and Body Dimensions See Key Sheets for definitions

Body Type

2-Door Sport Coupes

1FQ87 1FS87

Vehicle Fiducial Marks

Fiducial Mark Number*	Define Coordinate Location
Front	X - Fiducial mark to vertical body zero line-front, measured horizontally from body zero 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 fiducial mark, located on top of the front seat adjuster mounting bolt. Z - Fiducial mark to horizontal body zero line-front, measured vertically from body zero line to front fiducial mark located on top of the front seat adjuster mounting bolt.
Rear	X - Fiducial mark to vertical body zero line-rear, measured horizontally from body zero line to rear fiducial mark located on 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 body zero line-rear, measured vertically from body zero line to rear fiducial mark, located on rear underbody crossbar.

Fiducial Mark Number			
	W21	Y	21.26
	L54	X	27.63
● Front	H81	Z	5.04
	H161		10.97
	H163		9.41
	W22	Y	23.20
	L55	X	75.00
● Rear	H82	Z	0.86
	H162		6.71
	H164		4.63

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

MVMA Specifications Form
Passenger Car

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

Car and Body Dimensions See Key Sheets for definitions

Body Type

	SAE Ref. No.	2-Door Sport Coupes 1FQ87	1FS87

Glass

Backlight slope angle	H121		
Windshield slope angle	H122	57.4°	
Tumble-Home	W122	31.5°	
Windshield glass exposed surface area—cm^2 ($in.^2$)	S1	1137.6	
Side glass exposed surface area—cm^2 ($in.^2$)	S2	1139.8	
Backlight glass exposed surface area—cm^2 ($in.^2$)	S3	1212.7	
Total glass exposed surface area—cm^2 ($in.^2$)	S4	3490.1	
Windshield glass type		Single,curved, laminated plate	
Side glass type		Curved, tempered plate	
Backlight glass type		Single, curved, tempered plate	

Lamps and Headlamp Shape*

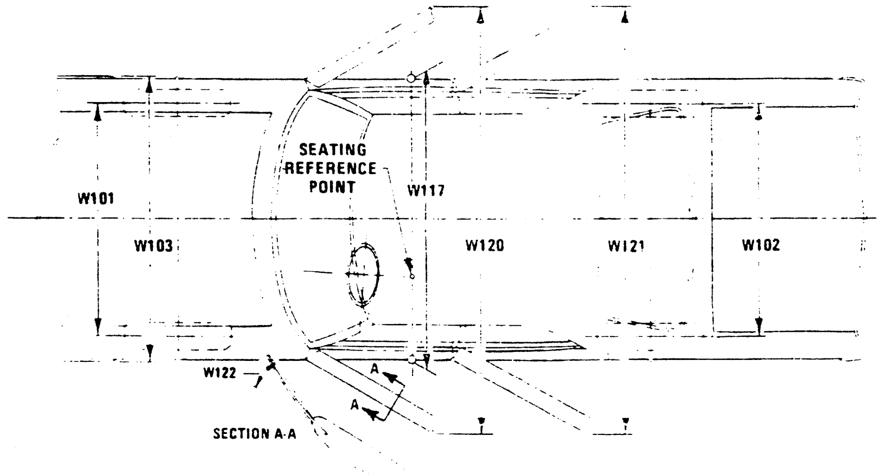
Height above ground to center of bulb or marker	Headlamp (H125)	Highest**	25.7
		Lowest	- -
	Tail (H126)	Highest	23.1
		Lowest	- -
	Sidemarker	Front	23.0
		Rear	22.1
Distance from C/L of car to center of bulb	Headlamp	Inside	
		Outside**	
	Tail	Inside	
		Outside	
	Directional	Front	
		Rear	
Headlamp Shape			Round

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

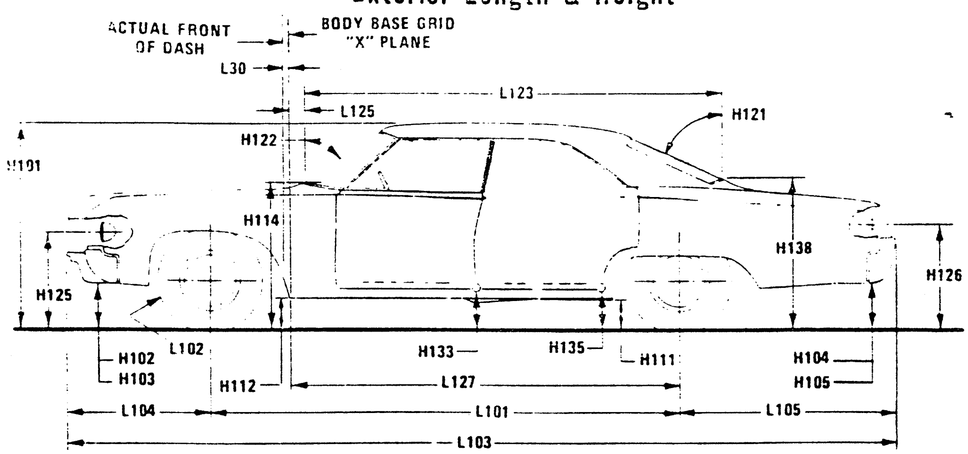
MVMA Specifications Form
Passenger Car

Exterior Car And Body Dimensions — Key Sheet

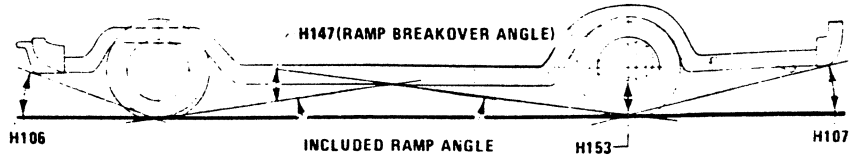
Exterior Width



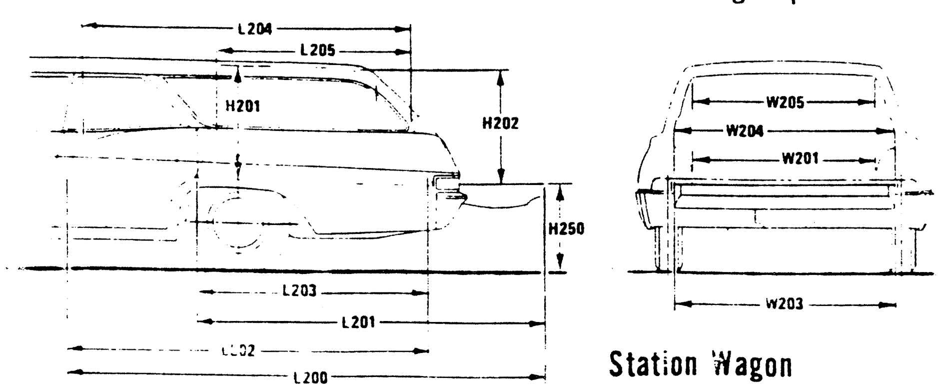
Exterior Length & Height



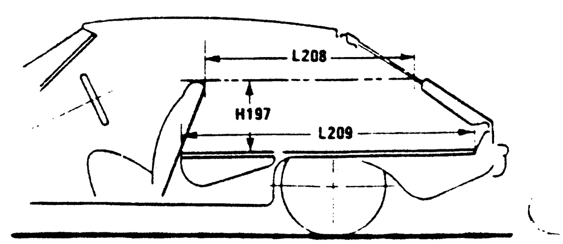
Exterior Ground Clearance



Cargo Space



Station Wagon

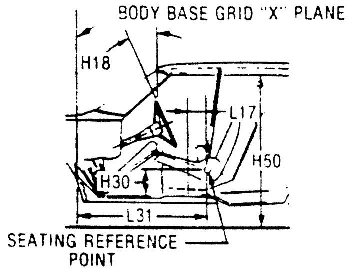


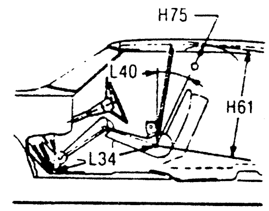
Hatchback

MVMA Specifications Form
Passenger Car

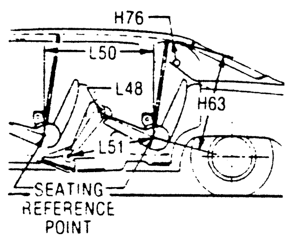
Interior Car And Body Dimensions — Key Sheet

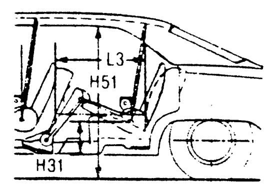
Front Compartment



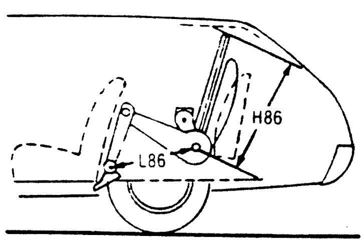


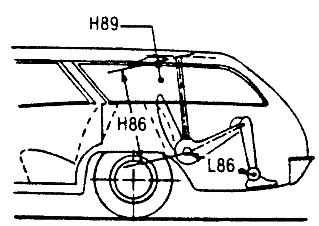
Rear Compartment

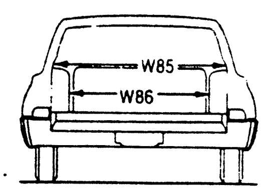




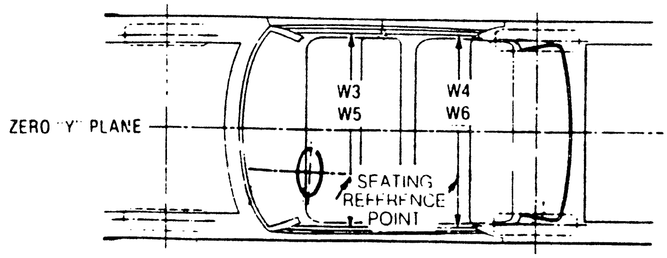
Third Seat







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 [illegible]
(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 center of the [illegible] 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 [illegible] 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.

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 [illegible] 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 [illegible] 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 SgRP 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

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 suface 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 intereferences 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:

$$\frac{W4 \times H201 \times L204}{1728} = Ft.^3$$

Measured in mm:

$$\frac{W4 \times H201 \times L204}{10^9} = m^3 \text{ (cubic meter)}$$

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:

$$\frac{\frac{L208 + L209}{2} \times W4 \times H197}{1728} = Ft.^3$$

Measured in mm:

$$\frac{\frac{L208 + L209}{2} \times W4 \times H197}{10^9} = m^3 \text{ (cubic meter)}$$

MVMA Specifications Form
Passenger Car

Index