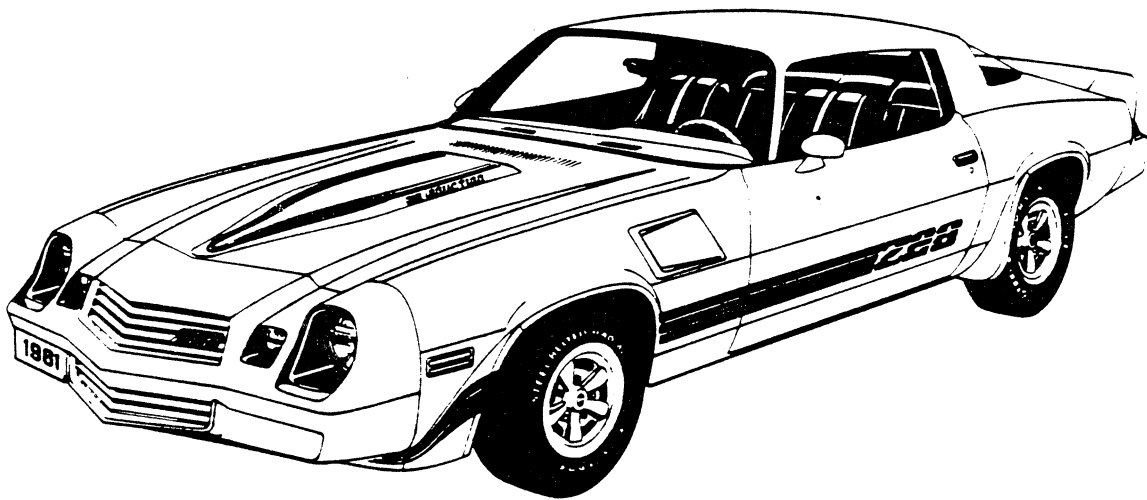


273/CAMA-81



# CAMARO

## 1981 SPECIFICATIONS



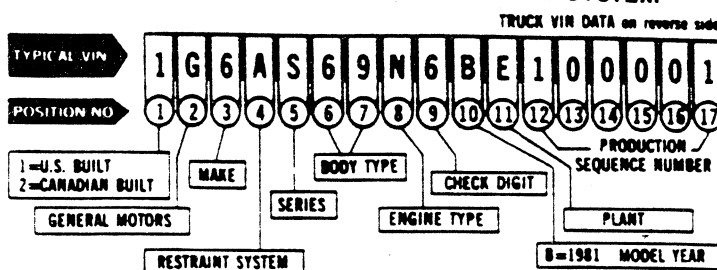
**THE HEARTBEAT OF AMERICA. TODAY'S CHEVROLET.**



CORVETTE

SILVERADO

## 1981 PASSENGER CAR VIN SYSTEM



## 3 MAKE

1-Chevrolet  
2-Pontiac

3-Oldsmobile  
4-Buick

6-Cadillac  
7-GM of Canada

## 5 CARLINE/SERIES

## CHEVROLET

B - Chevette  
J - Chevette Scooter  
L - Impala  
M - Caprice Classic  
P - Camaro  
S - Camaro Berlinetta  
T - Malibu  
W - Malibu Classic  
X - Citation  
Y - Corvette  
Z - Monte Carlo

## OLDSMOBILE

B - Omega  
E - Omega Brougham  
G - Cutlass  
H - Cutlass Brougham  
K - Cutlass Calais  
L - Delta 88  
M - Cutlass Supreme  
N - Delta 88 Royale  
P - Custom Cruiser  
R - Cutlass Supreme  
V - 98 Luxury  
W - 98 Regency  
X - 98 Regency  
Y - Delta 88  
Z - Tornado Brougham

## GM

## CANADA ONLY

B - Acadian  
D - Bel Air  
F - Laurentian  
J - Acadian S  
N - Parisienne

## PONTIAC

D - LeMans  
F - Grand LeMans  
J - Grand Prix  
K - Grand Prix LJ  
L - Catalina  
N - Bonneville  
P - Grand Prix  
R - Bonneville  
S - Firebird  
T - Firebird Esprit  
V - Firebird Formula  
W - Firebird Trans Am  
Y - Phoenix  
Z - Phoenix LJ

## BUICK

B - Skylark  
C - Skylark Limited  
D - Skylark Sport  
E - Century Wagon  
H - Century  
J - Regal  
K - Regal Sport  
L - Century Limited  
M - Regal Limited  
N - LeSabre  
P - LeSabre Limited  
R - LeSabre Estate  
V - Electra Estate  
W - Electra Park Avenue  
X - Electra Limited  
Y - Riviera  
Z - Riviera

## CADILLAC

B - Fleetwood  
D - Brougham  
F - DeVille  
L - Eldorado  
S - Seville

## 4 RESTRAINT SYSTEM

A Nonpassive/manual belts  
B Passive/automatic belts  
C Passive/inflatable

## 6-7 BODY TYPE

07 Coupe 2 Door Hatchback  
08 Sedan 2 Door Hatchback  
23 Sedan 4 Door Aux Seat  
27 Coupe 2 Door Notchback  
33 Sedan 4 Door Aux  
Seat Ctr. Pl.  
35 Station Wagon 4 Door  
37 47 57 Coupe 2 Door Notchback Special  
68 Sedan 4 Door Plainback Notchback  
69 Sedan 4 Door Notchback  
07 Coupe 2 Door Plainback Special

## 8 ENGINE TYPE

CODE	DISP	INCHES	CARB	INJECTION	SEALS	PRODUCING	DFI
A	3.0L	200L	1 2 3 4 7			4	
B	5.7L	400L	4			4	
D	1.8L	DIESEL	1 7			ISUZU	
F	4.3L	260L	3			3	
H	5.0L	400L	1 2 3 4 7			1 7	
J	4.4L	260L	1 2 3 4 7			1 7	
K	3.0L	200L	1 2			1 7	
L	5.7L	400L				1	
M	5.7L	DIESEL	1 2 3 4 6 7			3	
S	4.3L	260L	2 4 7			2	
T	4.9L	400L	2			2	
W	4.9L	400L	2 7			2	
X	2.8L	200L	1 2 3 4				
Y	5.0L	400L	7 3 4			3	
Z	2.8L	200L				1	
3	3.0L	400L	4			4	
4	4.1L	400L	3 4 6			4	
5	2.5L	200L	2 3 4			2	
6	5.7L	400L					
9	1.6L	200L	1 7				
9	6.0L	DFI	6			6	
6	6.0L	400L	6			6	

DFI=DIGITAL FUEL INJECTION

T=TURBOCHARGED

## 11 PLANT

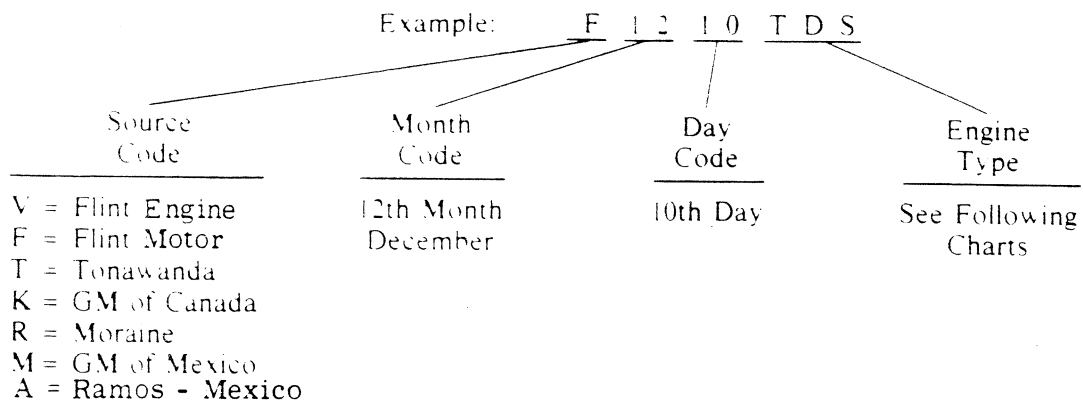
A Lakewood	CA	M	F - Buick	Mt	B Arlington	TX	Z Fremont	CA	5 London	Ont
B Baltimore	MO	J	LeMans	Mt	S St Louis	MO	0 Pontiac GMC	Mt	6 Oklahoma City	OK
C Southgate	CA	B	LeMans	MO	T Tarrytown	NY	1 Okla	Ont	7 Londontown	Ont
D Dearborn	CA	L	van Nuys	A	V Pontiac GMC	Mt	2 Ste Therese	PO	8 Schwegel	LA
E Linden	MI	M	Lansing	Mt	W Willow Run	Mt	3 Detroit Chev	Mt	9 Fushard	Idaho
F Flint Chev	MI	M	Warren	Ont	X Fairfax	KS	4 Scarborough	Ont	9 Detroit Cad	Mt
G Framingham	MA	P	Pontiac Pont	Mt	Y Wilmington	DE	5 Bowling Green	MI		

The information shown is correct at time of printing, but may be changed during model year.

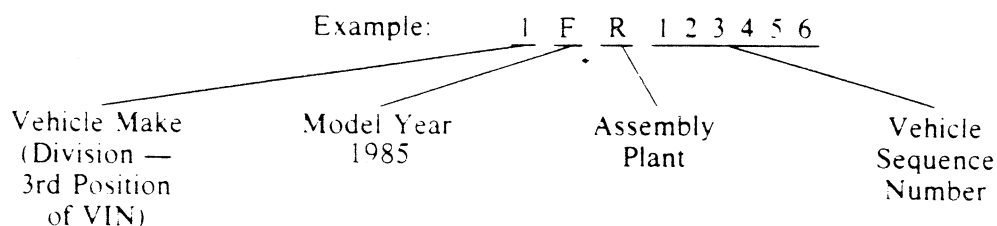
# ENGINE ASSEMBLY IDENTIFICATION

## CHEVROLET ENGINE PRODUCTION CODE

Chevrolet produced engines are stamped with a source, production date and engine suffix. Other General Motors produced engines used in Chevrolet vehicles will use a label affixed to the engine assembly. A complete list of all alphabetic codes used, regardless of manufacturer, appear in the following pages.



In addition, all engines have a portion of the vehicle identification number stamped near the engine production code. This consists of the division code, model year, assembly plant and vehicle build sequence number.



**\*NOTE:** Pre 1980 production used numerical characters (last digit of model year) to identify model year. 1980 started the progressive use of alphabetic characters.

### (1) DIVISION

#### (PRIOR TO 1979)

- 1 — Chevrolet
- 2 — Pontiac
- 3 — Oldsmobile
- 4 — Buick
- 5 — GMC Truck
- 6 — Cadillac
- 7 — GM of Canada

#### Since 1979

- 1 — Chevrolet
- 2 — Pontiac
- 3 — Oldsmobile
- 4 — Buick
- 5 — GM Overseas
- 6 — Cadillac
- 7 — GM of Canada
- 8 —
- 9 — GM Overseas
- C — Chev. Truck
- T — GMC Truck

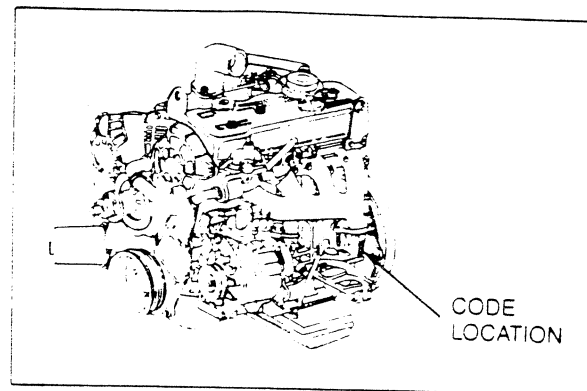
### (3) PLANT

- A — Lakewood
- B — Baltimore
- C — Lansing (B)
- D — Doraville
- E — Linden
- F — Flint (Chev.)
- G — Framingham
- H — Flint (Buick)
- J — Janesville
- K — Kosai
- K — Leeds
- L — Van Nuys
- M — Lansing
- N — Norwood
- P — Pontiac (Pont.)

- Q — Detroit (Not used in 1980)
- R — Arlington
- S — St. Louis
- S — Ramos Arizpe
- T — Tarrytown
- U — Hamtramck
- V — Pontiac (GMC)
- W — Willow Run
- X — Fairfax
- Y — Wilmington
- Z — Fremont
- 1 — Wentzville
- 1 — Oshawa #2
- 2 — Moraine (T&B)
- 2 — St. Therese
- 3 — Detroit (T&B)
- 3 — St. Eustache
- 3 — Kawasaki
- 4 — Orion
- 4 — Scarborough
- 5 — Bowling Green
- 5 — London
- 6 — Oklahoma City
- 7 — Lordstown
- 8 — Shreveport
- 8 — Fujisawa, Japan (Luv)
- 9 — Detroit (Cad.)
- 9 — Oshawa #1
- 0 — GM Truck Pontiac

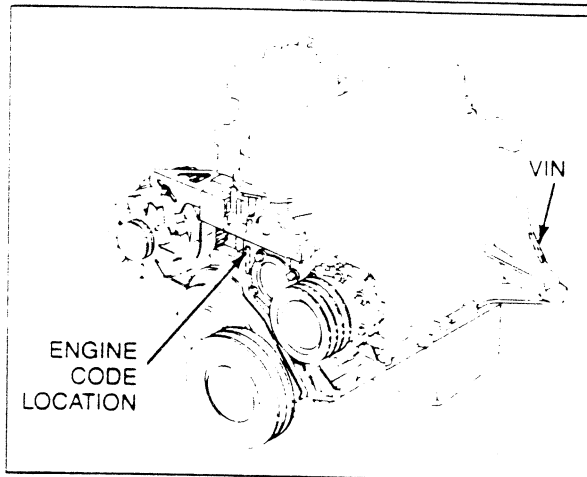
### 1.8 AND 2.2 LITER DIESEL L-4 — ISUZU

The code is stamped on a vertical pad at the left rear of the cylinder case at the bottom.



### 2.5 LITER GASOLINE L-4 — PONTIAC

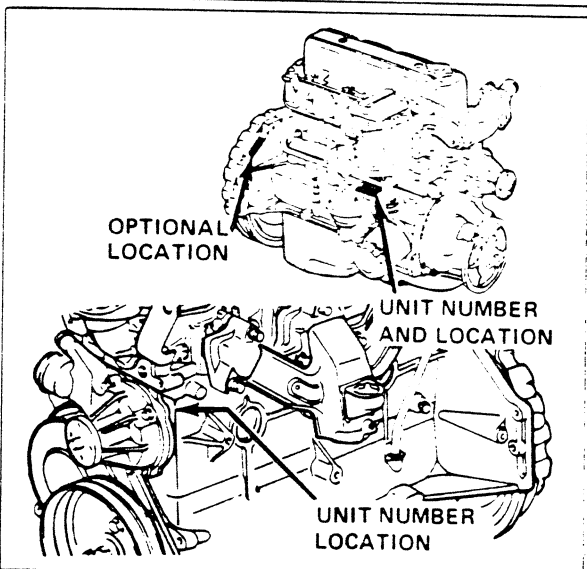
Since 1981, the code is on a sticker, placed on the timing gear cover. It is also stamped on the cylinder case, by the water pump, just below the head.



Pre-1981 engines have the code stamped on the right side of the cylinder case, on a pad, rearward of the distributor.

OR

at the forward end of the cylinder case, by the water pump.

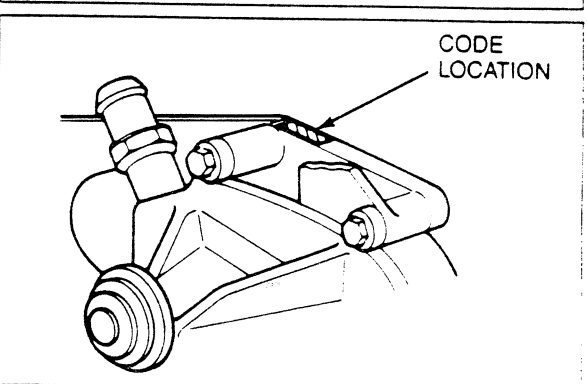


### 2.8 LITER GASOLINE 60° V-6 — CHEVROLET

The code is stamped on a horizontal machined surface on the cylinder case just forward of the intake manifold.

OR

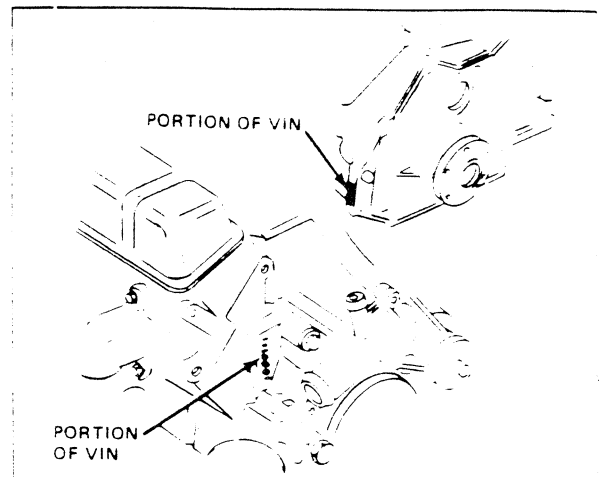
on a machined horizontal pad on the right forward side of the cylinder case just below the cylinder deck.





### **3.2 AND 3.8 LITER GASOLINE V-6 — BUICK**

In 1978 the code was located on the front surface of the cylinder case, forward of the right cylinder head. Since 1978, the code is stamped on a pad at the left rear of the cylinder case.

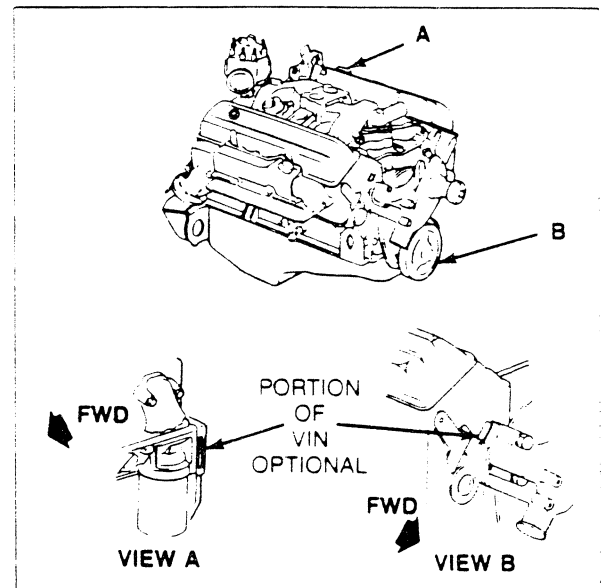


### **3.3, 3.8, 4.3, 4.4, 5.0, 5.7 AND 6.6 LITER GASOLINE 90° V-BLOCK — CHEVROLET**

The code is stamped on a cylinder case pad immediately forward of the right hand cylinder head.

OR

The code may be on the vertical surface rearward of the oil filter location.

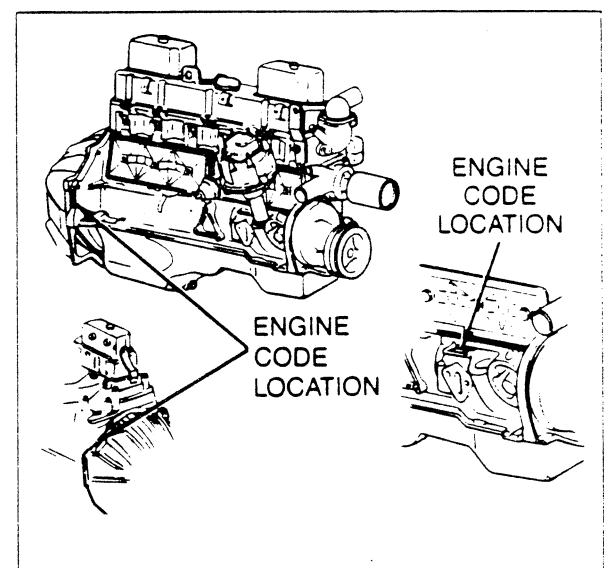


### **4.1 AND 4.8 LITER GASOLINE L-6 — CHEVROLET**

The code is stamped on a pad on the right hand side of the cylinder case, just rear of the distributor.

OR

The code may be on the vertical surface, either left or right hand side, of transmission mounting flange.



## 1981 CHEVROLET ENGINE IDENTIFICATION

## ASSEMBLY CODES

1-6L CID — L17 OPT.  
VIN 9

DCA	DCF	DCX	DCK
DCB	DCY	DCU	DCM
DCC	DCZ	DCH	DCN
DCD	DCW	DCJ	

2.8L (173) — LH7  
VIN Z

DJD	DJF
DBU	DBX

2.8L (173) — LE2  
VIN X

DBA	DBM	DJA
DBB	DBN	DJB
DBC	DBR	DJC
DBD	DBS	

3.8L (229) — LC3  
VIN K

DAA	DAD	DAK
DAB	DAH	D7A
DAC	DAJ	D7B

151 CID — LW9  
VIN 5

AL	AO	CL
AM	CH	
AN	CK	

231-3 — LC8  
VIN 3

NE	RO
NR	RR
NG	

4.4L (267) — L39  
VIN J

DFA	DFH	D8F
DFC	D8A	D8H
DFD	D8C	DFK
DFE	D8D	

231 A CID — LD5  
VIN A

NA	NL	RK	NK
NB	LZ	RL	
NC	RA	RC	
ND	RB	RD	
NF	NJ	NZ	

5.0L (305) — LG4  
VIN H

DHA	DHF	DHZ	D6C
DHB	DHH	DKB	D6D
DHC	DHJ	D6A	DHU
DHD	DHK	D6B	DKF
DKH	DKJ		

5.7L (350) — LM1  
VIN L

DMA	D5A	DMF
DMC	D5B	DMH
DMD	DMB	

350 CID — LF9  
VIN N

VKB	VLA	VLV	VND	VPT
VKC	VLC	VMJ	VNE	VPU
VKH	VLD	VMT	VNP	VPX
VKJ	VLK	VMX	VNR	VRP
VKN	VLL	VMY	VNT	VRR
VKR	VLN	VNA	VNU	VRS
VKU	VLP	VNB	VPK	VRT
VKY	VLB	VNC	VPL	VRU

## 1981 TRANSMISSION IDENTIFICATION

## TRANSMISSION TO ASSEMBLY CODES

NOTE: Transmission Identification can be Located in one of Three Positions on the Transmission

- A: Identification Plate on Side of Case  
 B: Stamping Number on Governor Cover  
 C: Ink Stamped on Bell Housing

MV4 — 3 SPD. A.T.THM 350C

TA	TX	VJ	WC
TC	T2	VK	WD
TD	T3	VL	WE
TE	T4	VN	WH
TH	T7	VP	WJ
TK	T9	VS	WP
TL	VA	VZ	WS
TP	VC	VW	WW
TN	VD	V4	T6
TS	VE	V6	WN
TW	VH	WA	

MV9 — 3 SPD. A.T.THM 200

AS	CN	HZ
BK	CY	OT
BZ	HA	OW
CA	HE	PD
CC	HF	PE
CE	HK	PF
CK		PG
		CX

MX2 — 3 SPD. A.T.THM 350

KD	LA	MC
KK	LB	LH
KN	LC	
KT	LD	
KY	MA	

MX3 — 3 SPD. A.T.THM 350

JC	JD
----	----

MW9 — 4 SPD. A.T.THM 200

CU	OG
EG	CR
BY	

M31 — 3 SPD. A.T.THM 250

XA	XK	WK
XB	XL	XD
XH	XP	
XJ	XS	

M32 — 3 SPD. A.T.THM 325

AF	BJ
AG	HJ
AJ	OH
AK	OK
BE	OL

M34 — 3 SPD. A.T.THM 125

CD (2.84R)	CV (2.53R)
CP (2.84R)	CG (3.33R)
CT (2.84R)	PZ (2.53R)

# 1981 TRANSMISSION IDENTIFICATION (Continued)

## TRANSMISSION TO ASSEMBLY CODES

NOTE: Transmission Identification can be Located in one of Three Positions on the Transmission

- A: Identification Plate on Side of Case  
 B: Stamping Number on Governor Cover  
 C: Ink Stamped on Bell Housing

### M40 — 3 SPD. A.T.

#### THM 400

AB	FF	FP
AD	FH	FQ
AE	FJ	FR
AN	FL	FT
BB	FM	FV
FA	FN	FW
FB	FO	FY

### M24 — 4 SPD. MAN.

DC FN

### M64 — 3 SPD. MAN.

SF SX  
 SW Z6

### MY 1 — 4 SPD. MAN.

CA CB

### M67 — 4 SPD. MAN.

Z8

### MD3 — 3 SPD. A.T.

ST

### M33 — 3 SPD. A.T.

KC JA  
 MT JB  
 KL

### M19 — 4 SPD. MAN.

AZ, BB, AD

### M38 — 3 SPD. A.T.

JL

## 1981 CHEVROLET ENGINE AND TRANSMISSION USAGE

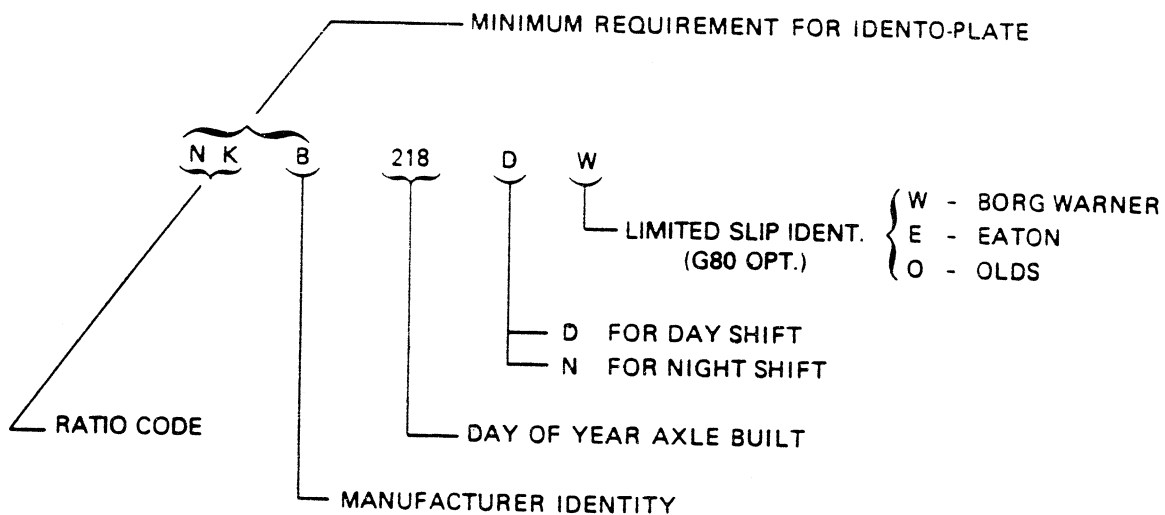
MD3	THM180
MV4	THM350C
MV9	THM200
MX2	THM350
MX3	THM350
MW9	THM200
M31	THM250
M32	THM325
M33	CBC350
M34	THM125
M38	THM350, 375
M40	THM400

VIN CODE	CUBIC INCH	LITER TYPE	ENGINE TYPE	CARB BBL'S	ENGINE OPT	SERIES USAGE	TRANS. USAGE
9	98	1.6	L4	2	L17	T	MD3, MV9, MY1
5	151	2.5	L4	2	LW9	X	M19, M34
X	173	2.8	V6	2	LE2	X	M19, M34
Z	173	2.8	V6	2	LH7	X	M34
K	229	3.8	V6	2	LC3	A, B, F	MV9, M31, M38, M64
3	231	3.8	V6	Turbo (4)	LC8	A	MX2, M33
A	231	3.8	V6		LD5	A, B, F	MX2, MV9, M31
J	287	4.4	V8	2	L39	A, B, F	MV4, M31, MV9, M33
H	305	5.0	V8	4	LG4	A, B, F	MV4, MV9, M31, MW9, M33, M67, M2
L	350	5.7	V8	4	LM1	A, B, F	MV4, MX3, M24, M38
N	350	5.7	V8	DIESEL	LF9	B	MV9, MX2
D		1.8	L4	DIESEL	LJ5	T	MV9, M75

## REAR AXLE FIELD IDENTIFICATION

Axles are manufactured by Buick, Chevrolet Buffalo, Chevrolet Warren, Chevrolet Gear and Axle, Oldsmobile, Pontiac and McKinnon. Divisional Manufacturer code letters will be metal stamped on the axle tube adjacent to the carrier for field identification. (See Example). Metal stamped on right front inboard side, letters and numerals 1/4" high, 3" outboard of carrier or are located on a metal tag attached to cover bolt. Reference should be made to divisional service manuals for location on some models.

### FIELD IDENTIFICATION



Note: 1978 models the fourth character indicates model year, fifth through seventh, Julian date. The eighth character, shift code.

### MANUFACTURER IDENTITY

B — BUICK  
 O — OLDSMOBILE  
 P — PONTIAC  
 M — PONTIAC/CANADA  
 G — CHEVROLET GEAR AND AXLE  
 C — CHEVROLET BUFFALO  
 K — GM OF CANADA, ST. CATHARINES (MCKINNON)  
 W — CHEVROLET - WARREN

### **F SERIES**

(\* INDICATES POSITRACTION)

<u>2.41 RATIO</u>	
CODE	RING GEAR
PJ	8.50
*PS	8.50
*PV	8.50

<u>2.56 RATIO</u>	
CODE	RING GEAR
PH	8.50
*PT	8.50

<u>2.73 RATIO</u>	
CODE	RING GEAR
PA	8.50
*PU	8.50

<u>3.08 RATIO</u>	
CODE	RING GEAR
PC	8.50
*PQ	8.50
*PW	8.50

<u>3.23 RATIO</u>	
CODE	RING GEAR
PD	8.50
*PX	8.50

<u>3.42 RATIO</u>	
CODE	RING GEAR
PE	8.50
*PY	8.50



## 1981 FACTORY OPTIONS *cont...*

RPO	Description	Qty	Retail
N18	Locks, wheel covers (Berlinetta only)	4,964	\$32.00
N33	Tilt Steering Column	69,837	75.00
N90	Wheels, aluminum	31,153	312.00
PE1	Wheels, custom-style	1,800	142.00
P01	Wheel Covers, bright metal	3,341	43.00
QJY	Tires, P205/75R14 radial whitewall	63,839	47.00
QKL	Tires, P205/75R14 radial white letter	16,364	60.00
TR9	Lighting, auxiliary	36,443	37.00
TT4	Headlights, halogen	8,715	36.00
UA1	Battery, heavy-duty	21,504	19.00
UM2	Radio, AM-FM with stereo tape	8,182	252.00
UN3	Radio, AM-FM with stereo cassette	23,665	264.00
UP6	Radio, AM-FM stereo CB and power antenna	208	487.00
U05	Horns, dual	18,212	9.00
U14	Special Instrumentation	4,214	111.00
U35	Clock	6,740	23.00
U58	Radio, AM-FM stereo	26,008	178.00
U63	Radio, AM	25,031	90.00
U69	Radio, AM-FM	8,264	142.00
U75	Antenna, power	7,552	47.00
U76	Antenna, windshield type	27,674	25.00
U80	Speaker, rear seat	7,667	19.00
V08	Cooling, heavy-duty	5,248	58.00
YF5	Emission Equipment, required for California	9,911	46.00
ZJ7	Rally Wheels	47,478	93.00
Z21	Style Trim Group	49,834	72.00
Z54	Interior Decor and Quiet Sound Package	12,266	63.00

• Prices shown were introductory retail including delivery and handling. They didn't include transportation or state/local taxes. Many 1981 option prices were lower than 1980 prices, and optional engine prices decreased during 1981; however, base vehicle prices and most option prices increased during the 1981 model year.

• Chevrolet records also indicate the following sales: RPO A02 (tinted windshield) 1,214 sold, RPO K05 (engine block heater) 5,203 sold.

• Vinyl to cloth seat upgrade was \$26.00. Custom Interior (vinyl Custom Interior included with Berlinetta) was available which had Berlinetta-style seats, seat and door trim, glovebox light, and additional instrument cluster lighting. The cost was \$304.00 for vinyl; \$330.00 for knit cloth.

• The base V6 engine for Sport Coupe and Berlinetta Coupe was 229ci, 110hp (231ci and 110hp in California). The Z28 Sport Coupe V8 engine was 350ci, 175hp when combined with the optional automatic transmission. When combined with the 4-speed manual transmission, the Z28 came with the RPO LG4, 305ci and 165hp at no cost or credit.

• RPO AN6 (adjustable seat back) adjustment limited to two positions.

• RPO B80 (roof drip) was included with Style Trim.

• RPO C49 (rear window defogger) was in-glass, heated element type.

• RPO D35 (sport mirrors) included with Berlinetta or Z28.

• RPO D80 (rear spoiler) included with Z28.

• RPO F41 (sport suspension) included larger front stabilizer, rear stabilizer, and special front and rear shock absorbers; included with Z28; not available with Berlinetta.

• RPO K35 (speed control) required automatic transmission.

• RPO LG4 (305ci, 150hp V8 engine) was standard with Z28 in all states when manual transmission was ordered, and was rated at 165hp in Z28 applications. Not available with Z28 with automatic transmission.

## 1981 FACTORY OPTIONS *cont...*

• RPO LM1 (350ci, 175hp V8 engine) was standard for Z28 in all states when combined with optional automatic transmission. Not available with other models.

• RPO MM4 (4-speed) was no cost with Z28.

• RPO MX1 (automatic transmission) was \$58.00 with Z28.

• RPO N90 (aluminum wheels) were \$170.00 with Berlinetta, \$238.00 with Z28.

• RPO PE1 (custom 14x7 wheels) available with Sport Coupe model only.

• RPO P01 (wheel covers) available with Sport Coupe model only.

• RPO QJY (tires) included with Berlinetta at no cost.

• RPO QKL (tires) were \$14.00 with Berlinetta.

• RPO TR9 (auxiliary lighting) included ashtray, courtesy, trunk, underhood and glovebox lights, and headlight warning buzzer. Cost \$31.00 with Sport Coupe with Interior Decor, Custom Trim, or Berlinetta.

• RPO UP6 (CB radio) included tri-band power antenna.

• RPO U05 (dual horns) were included with Berlinetta.

• RPO U14 (special instruments) included tach, voltmeter, and temperature gauges plus clock, all in main panel; included with Berlinetta or Z28.

• RPO U76 (windshield antenna) included with radios except UP6.

• RPO U80 (rear seat speaker) required RPOs U63, U69.

• RPO V08 (heavy-duty cooling) included special radiator and high volume fan; included with Z28; \$33.00 with air conditioning.

• RPO ZJ7 (rally wheels) included 14x7 wheels, hubcaps, and trim rings. Available with Sport Coupe only.

• RPO Z21 (style trim) included bright roof drip, lock pillar, upper fender, hood panel and belt moldings, plus color door handle insets, and bright-accented parking lights.

• RPO Z54 (interior decor and quiet sound) included glovebox light and additional instrument cluster lighting, and special insulation. Standard with Berlinetta; included with Custom Trim.

## 1981 COLORS

Code	Exterior	Qty	Interiors
11	White	16,137	B-Bg-Bk-C-R-S
16	Silver	10,359	B-Bk-R-S
19	Black	14,157	Bg-Bk-C-R-S
20	Bright Blue	9,464	B-Bg-Bk-C-S
21	Light Blue	11,516	B-Bk
29	Dark Blue	13,102	B-Bg-C-S
51	Bright Yellow	1,816	Bk-C
54	Gold	6,964	Bg-Bk-C
57	Orange	3,056	Bg-Bk-C
67	Dark Brown	10,745	Bg-C
75	Red	7,615	Bg-Bk-C-R-S
77	Maroon	8,302	Bg-Bk-C-R-S
84	Charcoal	12,907	Bg-Bk-C-R-S

• Color combinations shown were recommended by Chevrolet as most attractive. Dealer order guides specify these as only combinations permitted, but special order deviations may have been built.

**Interior Codes:** 15C=S-c-Dlx, 15N=S-v-Dlx, 15R=S-v-Std, 19C=Bk-c-Dlx, 19R=Bk-v-Std, 26B=B-c-Std, 26C=B-c-Dlx, 26N=B-v-Dlx, 26R=B-v-Std, 64B=C-c-Std, 64R=C-v-Std, 75B=R-c-Std, 75C=R-c-Dlx, 75N=R-v-Dlx, 75R=R-v-Std.

**Abbreviations:** B=Blue, Bg=Beige, Bk=Black, C=Camel, c=cloth, Dlx=Deluxe interior, R=Red, S=Silver, Std=Standard interior, v=vinyl.

# 1981 CAMARO

Production: 52,004 V6, 74,135 V8, 126,139 total.



1981 Camaro Z28 Sport Coupe

Chevrolet photo

## 1981 NUMBERS

**Vehicle Identification Example:** 1G1AP87K6BN100001

- Fifth digit is model level: P=Sport Coupe, Z28 Sport Coupe  
S=Berlinetta
- Eighth digit is engine code: A=231ci V6, H=305ci V8, J=267ci V8  
K=229ci V6, L=350ci V8
- Tenth digit is model year: B=1981
- Eleventh digit is N for Norwood assembly, L for Van Nuys.
- Last six digits increased one with each car built at each plant.

**Dimensions:** Length: 197.6 inches Height: 49.2 inches  
Width: 74.5 inches Wheelbase: 108.0 inches

<b>Suffix:</b> D5A: 350ci, mt, ex	DAK: 229ci, uu	NA: 231ci, uu
D5B: 350ci, at, ex	DFH: 267ci, at	NB: 231ci, ce
D6D: 305ci, at, ex	DHJ: 305ci, mt	NC: 231ci, at, ce
D7A: 229ci, at, ex	DHK: 305ci, at	ND: 231ci, at, ce
D7B: 229ci, at, ex	DHU: 350ci, at, ce	NF: 231ci, ce
D8H: 267ci, at, ex	DHZ: 305ci, mt	NJ: 231ci, uu
DAA: 229ci, mt	DKB: 305ci, at, ce	NK: 231ci, ce
DAB: 229ci, at	DKJ: 305ci, uu	NL: 231ci, ce
DAC: 229ci, at	DMA: 350ci, at	NZ: 231ci, ce
DAD: 229ci, at	DMB: 350ci, at, ce	RA: 231ci, uu
DAH: 229ci, mt	DMF: 350ci, uu	RB: 231ci, at, ce
DAJ: 229ci, at	DMH: 350ci, uu	

**Abbreviations:** at=automatic transmission, ce=california emissions, ci=cubic inch, ex=export (canada), mt=manual transmission, uu=uncertain usage.

## 1981 FACTS

- Appearance changes were limited to minor color and trim variations in 1981, the last model of the second-generation Camaros.
- At 126,139 sold, this was the lowest volume Camaro model since the 1973. While 1973's low volume traced to a lengthy labor dispute, 1981's decline was due in part to a difficult economy, particularly for the auto industry, following the 1979 Iranian revolution.
- The Rally Sport option was not available for 1981 models.
- New options included RPO TT4 halogen headlights, and RPO N18 locking wheel cover locks for the Berlinetta's standard wire wheel covers.

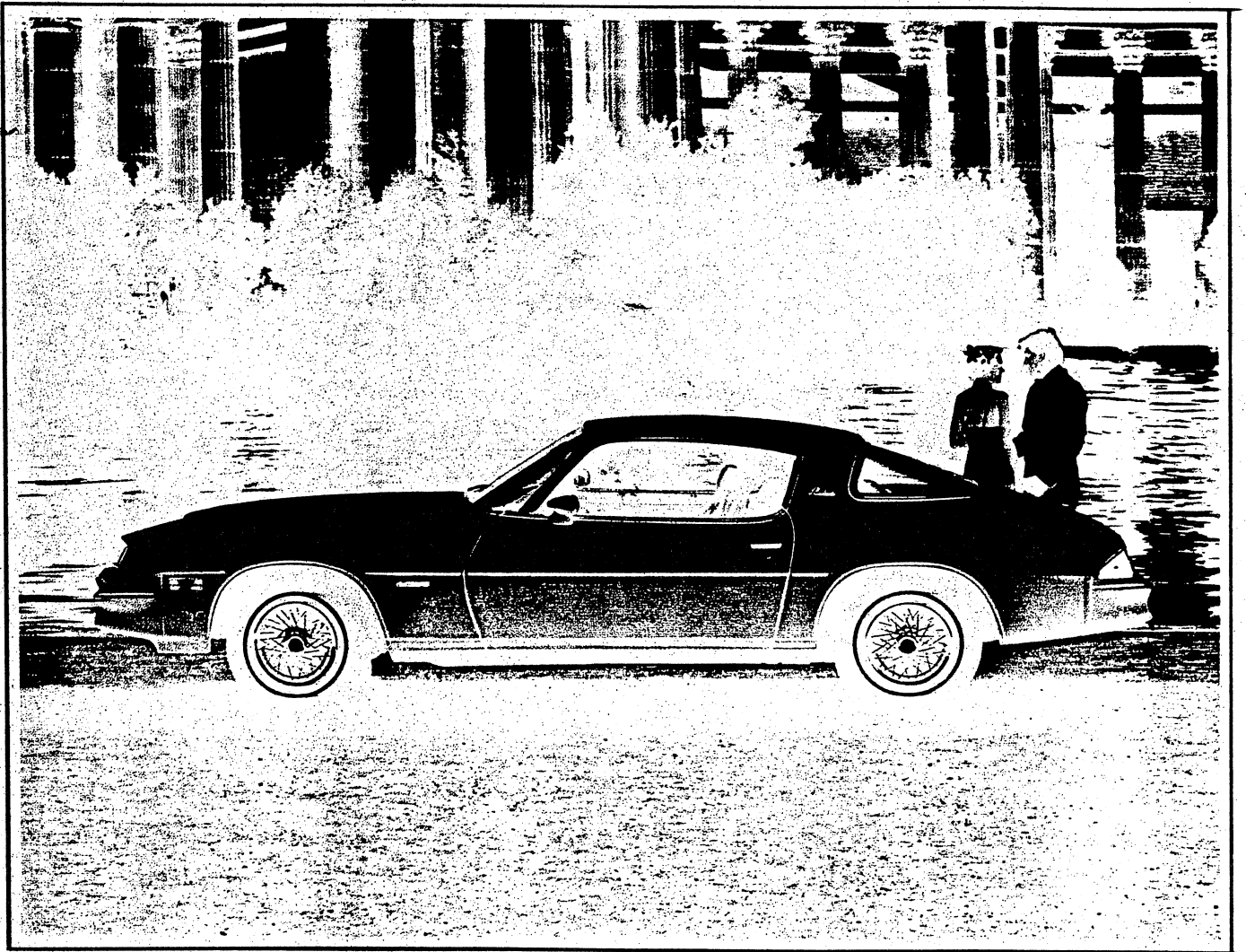
## 1981 FACTS cont...

- The standard Delco Freedom II battery for 1981 Camaros featured a new low weight design. The new design was said to be more durable and less susceptible to vibration damage, and had a greater charge and discharge life cycle. As before, a hydrometer was built in.
- Deletion of the Rally Sport model in 1981 reduced the choices of Camaro configurations to Sport Coupe, Berlinetta, and Z28. This permitted clear definition of mission. The option list permitted each model to have elements of the other, but the Sport Coupe was the economy choice, the Berlinetta the luxury model, and the Z28 meant performance.
- The 1981 Z28 continued to feature the functional rear-facing hood scoop introduced the previous year, and the functional side fender ports for exhaust of engine compartment. It's single catalytic converter exhaust system split into dual resonators and tail pipes.
- Manual transmissions were available with Camaros in California after a four-year absence. But the only engine Californians could link with a manual transmission was the 305ci RPO LG4. If it was a Sport Coupe or Berlinetta, power was rated at 150hp. If it was a Z28, power was 165hp.
- With the exception of the Z28, the standard transmission with all Camaro models was the three-speed manual. This was the last year for use of a three-speed in the Camaro lineup.
- All 1981 Camaros were equipped with Chevrolet's "advanced computer command control" engine management system.
- Power brakes and the space saver spare tire became standard in 1981.
- Computer-controlled torque converter clutches for second and third speed ranges were standard in Z28 models with automatic transmissions; for all other automatic-equipped models, converter clutches operated in third gear only.

## 1981 FACTORY OPTIONS

RPO	Description	Qty	Retail
1FP87	Camaro Sport Coupe, 6-cylinder .....	62,614	\$6,581.23
1FS87	Camaro Berlinetta Coupe, 6-cylinder .....	20,253	7,356.23
1FP87	Camaro Z28 Sport Coupe, 8-cylinder .....	43,272	8,025.23
AN6	Adjustable Seat Back, driver side .....	16,688	23.00
AU3	Power Door Locks .....	24,683	86.00
A01	Soft Ray Tinted Glass, all windows .....	112,832	70.00
A31	Power Windows .....	38,428	133.00
B37	Floor Mats, color-keyed front and rear .....	65,490	25.00
B80	Molding, roof drip .....	57,849	24.00
B84	Moldings, body side .....	39,514	44.00
B93	Moldings, door edge .....	32,516	13.00
CC1	Roof Panels, removable glass .....	30,445	644.00
CD4	Windshield Wipers, intermittent .....	31,982	38.00
C49	Defogger, rear window .....	60,058	99.00
C60	Air Conditioning .....	96,095	525.00
D35	Mirrors, sport right and left remote exterior .....	54,317	43.00
D80	Spoiler, rear .....	33,101	57.00
F41	Suspension, sport .....	3,604	41.00
G80	Rear Axle, limited slip .....	12,126	63.00
G92	Rear Axle, performance ratio .....	933	18.00
K35	Speed Control, with resume .....	35,364	123.00
LG4	Engine, 305ci, 150hp V8 .....	17,909	75.00
LM1	Engine, 350ci, 190hp V8 (included with Z28) .....	37,400	nc
L39	Engine, 267ci, 115hp V8 .....	18,826	75.00
MM4	Transmission, 4-speed wide range .....	10,780	133.00
MX1	Transmission, automatic .....	107,760	332.00





**Camaro Berlinetta Coupe**

**THE SENSIBLE, ECONOMICAL  
SPORTY CAR**

- Low, lean, sleek
- Available in three versions — Economy, Luxury, Performance
- New compact spare adds over two cubic feet of trunk space
- Two levels of luxury for the interiors
- Many levels of optional sound equipment from stereos to CB

**MAKING IT EVEN BETTER**

- Computer Command Control — Clean air and fuel efficiency go hand in hand
- Fuel-efficient, low-drag front disc brakes now standard all models
- A fuel-efficient torque converter clutch in the optional automatic transmission
- Second-generation, more reliable Delco Freedom II battery

# CAMARO VALUE FEATURES FOR 1981

## ENGINE/CHASSIS

- 3.8 Liter 2-Bbl. V6 engine *standard* on Berlinetta and Sport Coupe
- 5.0 Liter 4-Bbl. V8 engine *standard* with 4-speed transmission on Z28. (Optional 5.7 Liter 4-Bbl. V8 available only with automatic transmission.) See Power Teams for availability
- **Advanced Computer Command Control engine emission system now *standard***
- Three-speed manual transmission *standard* on Berlinetta and Sport Coupe; four-speed transmission on Z28
- **Fuel-efficient torque converter clutch with all optional automatic transmissions**
- Power steering helps make parking and maneuvering in city traffic easy *standard*
- **Power front disc/rear drum brake system *standard***
- Disc brake audible wear sensors indicate when linings need replacing *standard*
- Delco Freedom II 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 (as specified in Owner's Manual) for oil change, oil filter, spark plugs, chassis lubrication and optional automatic transmission fluid

- Separate stub frame unit cushion-mounted to body
- Visible ball joint wear indicators on front suspension lower control arms *standard*
- 21-gallon fuel tank
- High Energy Ignition system
- Coolant recovery system helps prevent coolant loss
- Single exhaust system
- GM Specification steel-belted radial ply tires *standard*
- P205/75R-14 steel-belted radial ply tires with a 5-rib tread design for Berlinetta and Sport Coupe; P225/70R-15 steel-belted radial for Z28
- **New compact spare tire *standard* for increased luggage space in all models**
- Low-friction upper ball joints
- Independent front coil suspension with stabilizer bar *standard*
- Multi-leaf rear springs *standard*

## BODY/EXTERIOR

- Body engineered by Fisher
- Bright-accented argent grille for Berlinetta
- Distinctive grille styling, body striping and rear wheel opening flares for Z28
- Argent grille for Sport Coupe
- Solenoid-operated functional hood air intake plus fender exhaust ports for Z28
- Double-panel door, hood and deck lid construction
- Flow-through ventilation system for passenger comfort
- Concealed dual-speed electric

- windshield wipers *standard*
- Cushioned body mounting system helps isolate passenger area from road noise and vibration
- Inner fenders front and rear for corrosion protection *standard*
- Wire wheel covers *standard* on Berlinetta
- White-stripe tires *standard* on Berlinetta

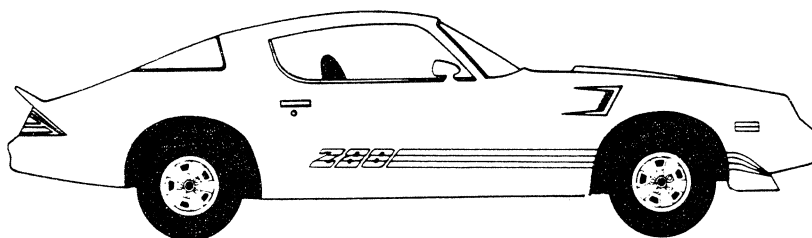
## INTERIOR

- Center console on all models
- Front bucket seats *standard*
- Molded full foam seat construction *standard*
- Color-keyed seat and shoulder belts *standard*
- Special Instrumentation *standard* on Berlinetta and Z28
- 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*
- Day/night rearview mirror *standard*
- Color-keyed steering column and steering wheel *standard*

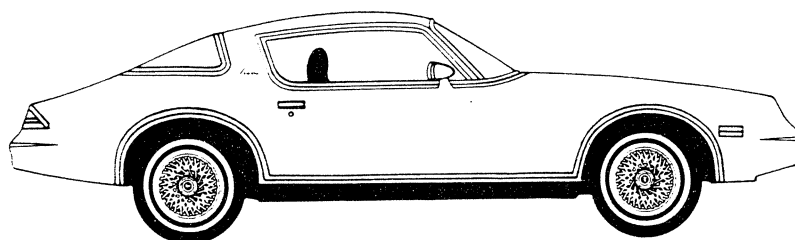
## NEW OPTIONS

- New Halogen Headlamps ..... TT4
- New Wire Wheel Cover Locking Package ..... N18

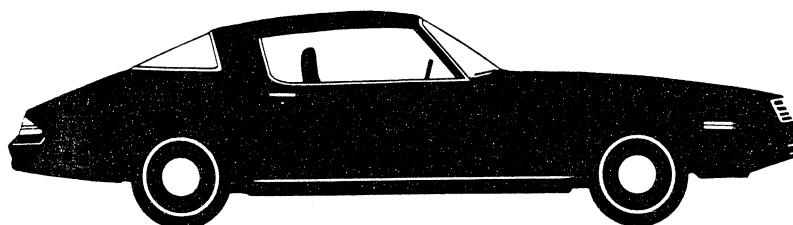
# 1981 CAMARO



**Camaro Z28 Sport Coupe**



**Camaro Berlinetta Coupe**



**Camaro Sport Coupe**

<b>Camaro</b>	<b>Model No.</b>
Z28 Sport Coupe .....	1FP87/Z28
Berlinetta Coupe .....	1FS87
Sport Coupe .....	1FP87

## Index

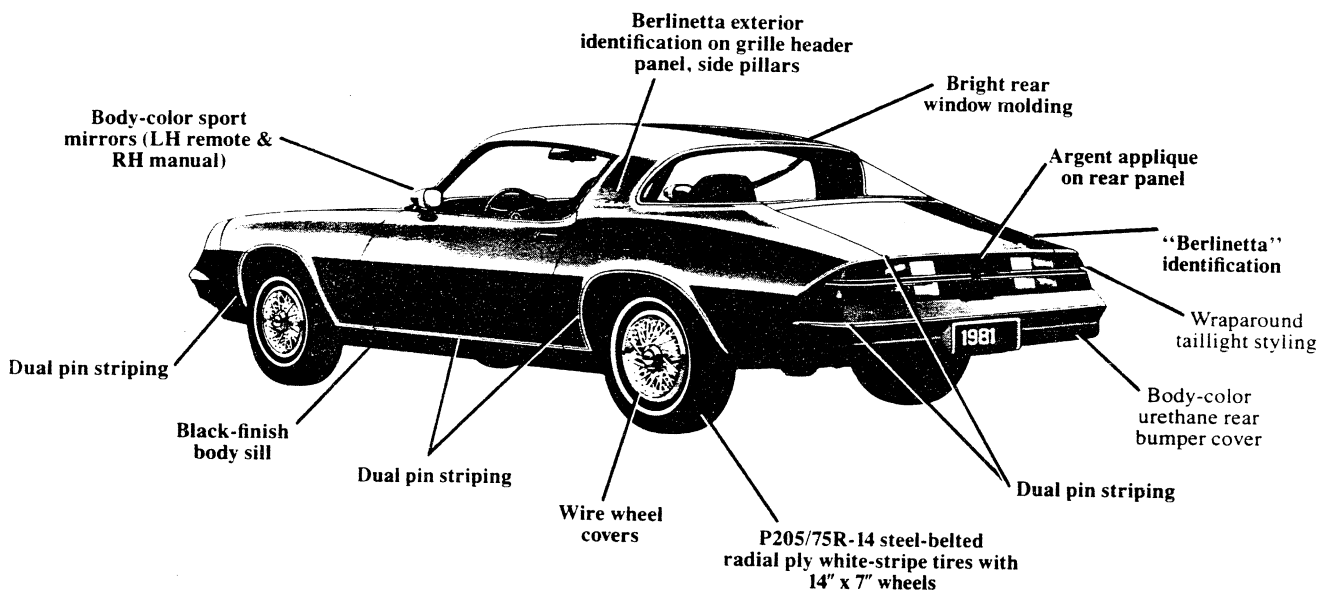
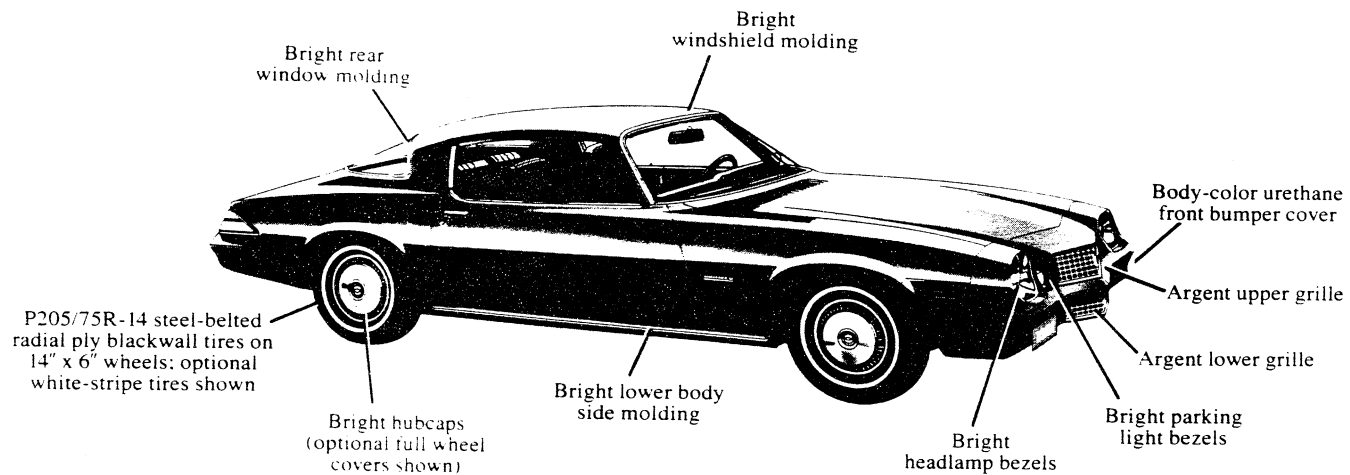
Camaro Value Features for 1981 .....	2-3	Camaro Berlinetta Striping and Color-Keyed Wheels .....	14-15
Camaro Sport Coupe .....	4	Equipment Summary .....	16-17
Camaro Berlinetta .....	5	Optional Equipment .....	18-19
Camaro Z28 .....	6-7	Power Teams .....	20
Interior Features .....	8-9	Body Features .....	21
Seat and Door Trim .....	10	Dimensions/Specifications .....	22
Color and Trim Combinations .....	11	Color and Fabric Selector .....	23-26
Camaro Z28 Striping and Color-Keyed Wheels .....	12-13		

*Also see Value Features and Option Features sections for additional details.*

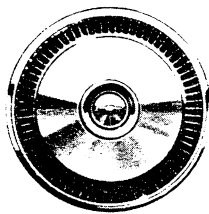
# CAMARO

## Sport Coupe and Berlinetta Coupe

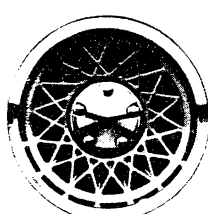
Special Berlinetta Features Shown in Bold Face



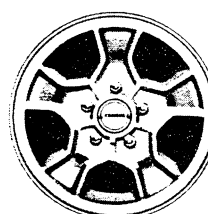
Standard Camaro Hubcaps  
NA on Berlinetta



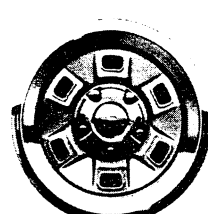
Optional Full Wheel Covers (RPO PO1)  
NA on Berlinetta



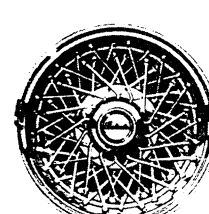
Optional Custom Styled Wheels (RPO PE1)  
NA on Berlinetta



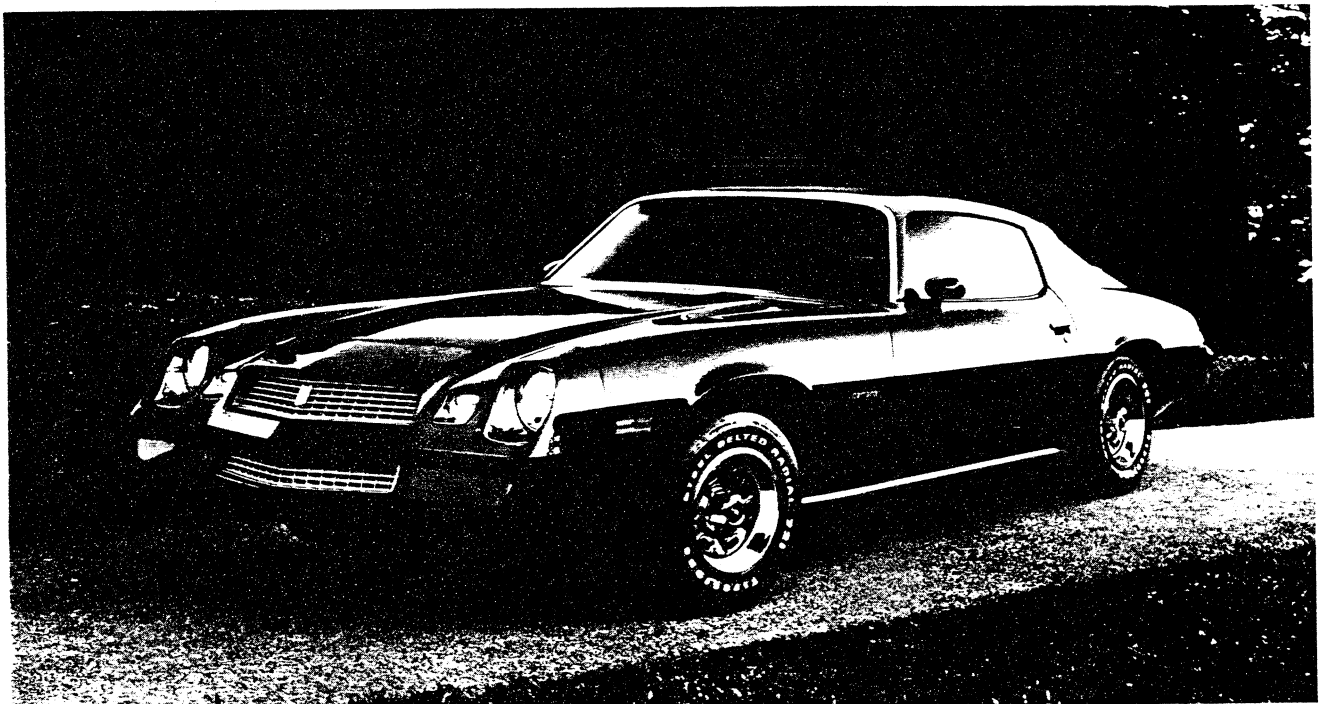
Optional Color-Keyed Aluminum Wheels (RPO N90)



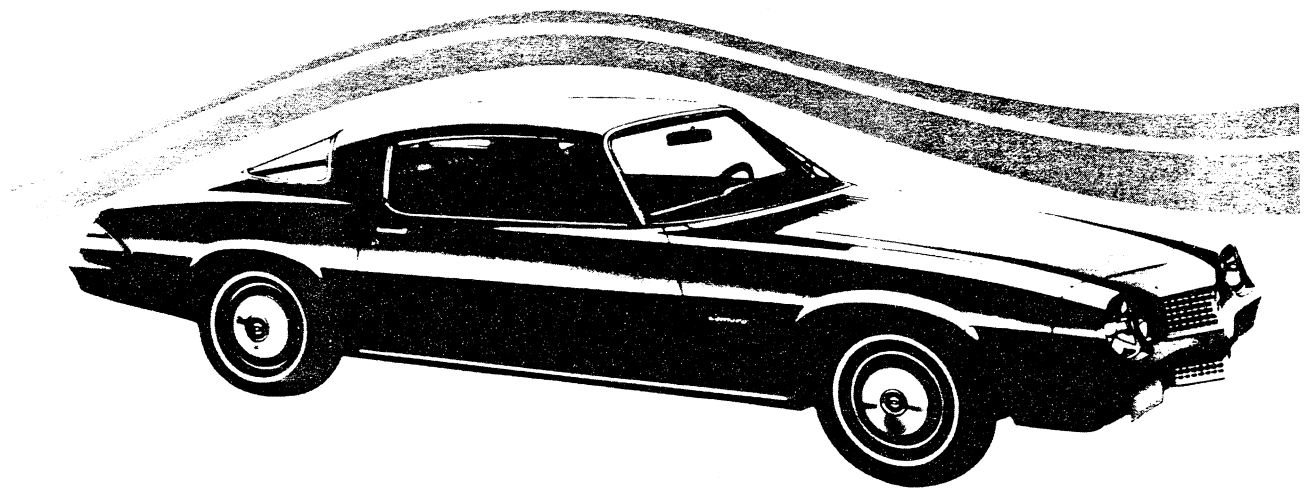
Optional Color-Keyed Rally Wheels (RPO ZJ7)  
NA on Berlinetta



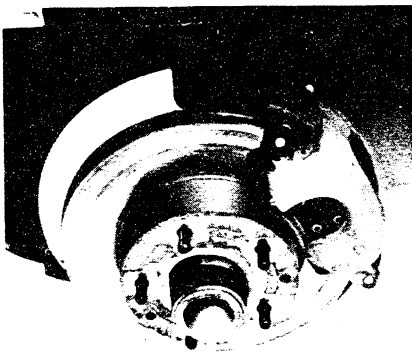
Standard Berlinetta Wire Wheel Cover



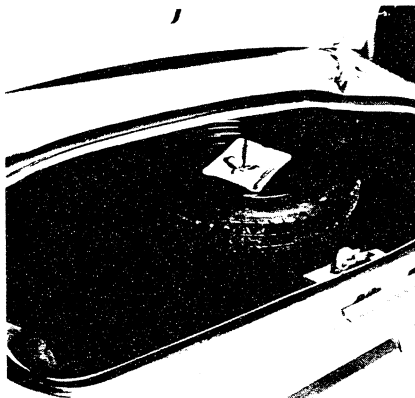
Camaro Sport Coupe



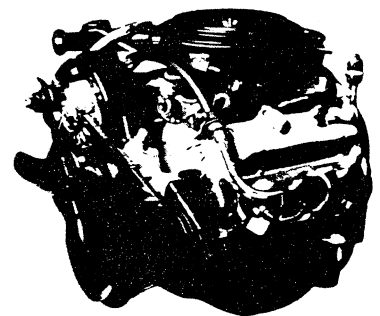
Camaro's Slippery, Aerodynamic Shape



Low-Drag Power Front Disc Brakes with Audible Wear Sensors *Standard*



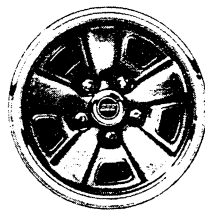
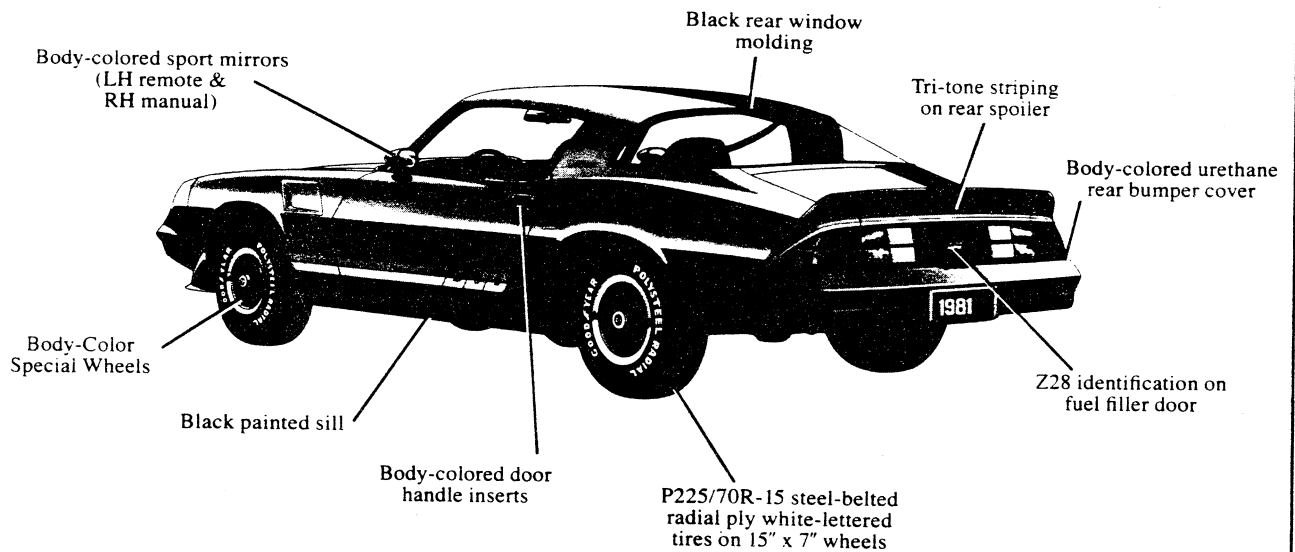
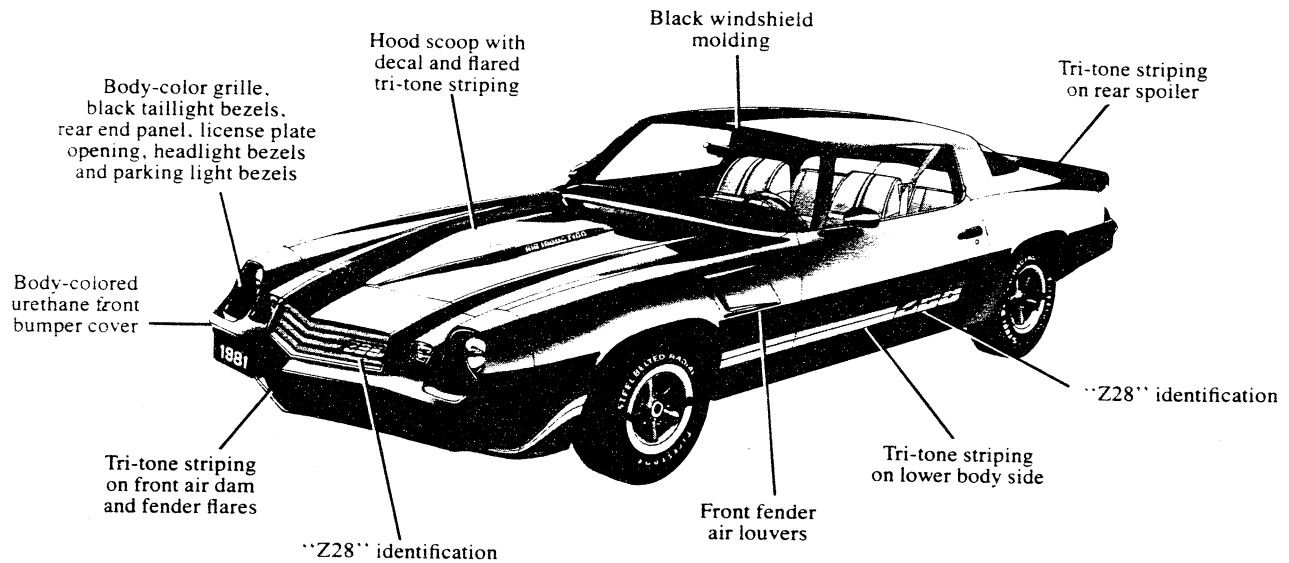
New Compact Spare *Standard* — Increases Luggage Space Over 2 Cubic Feet



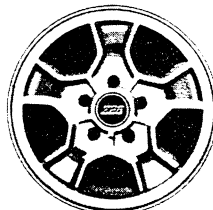
3.8 Liter V6 Engine — Camaro's Gas Slingy *Standard* Engine

# CAMARO

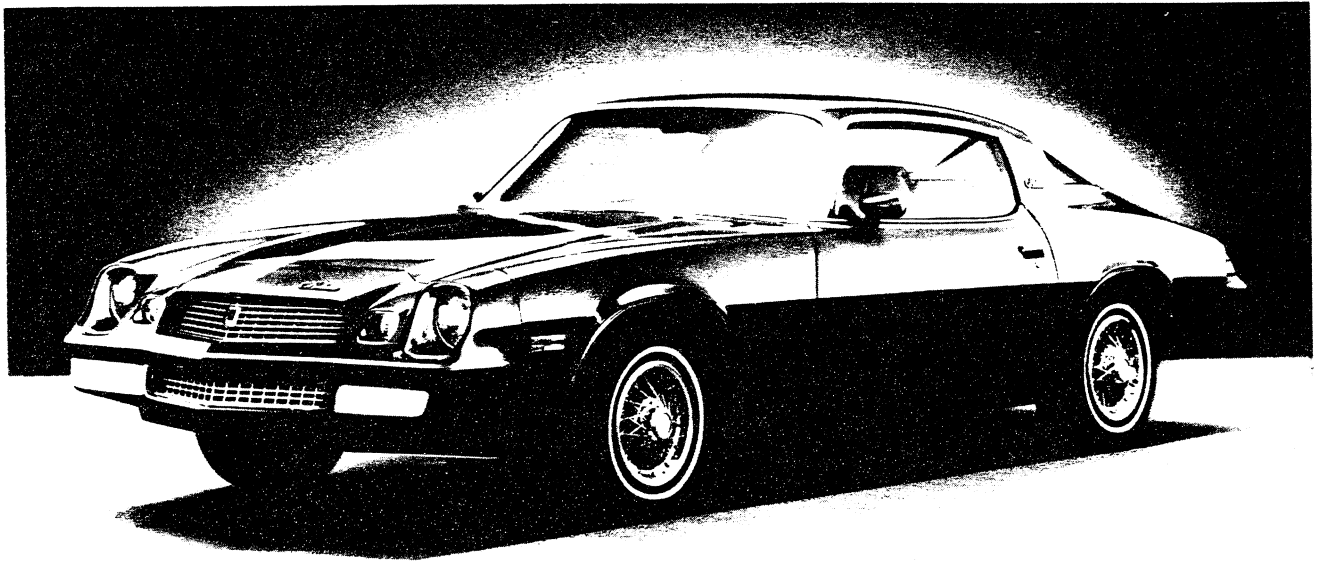
## Camaro Z28



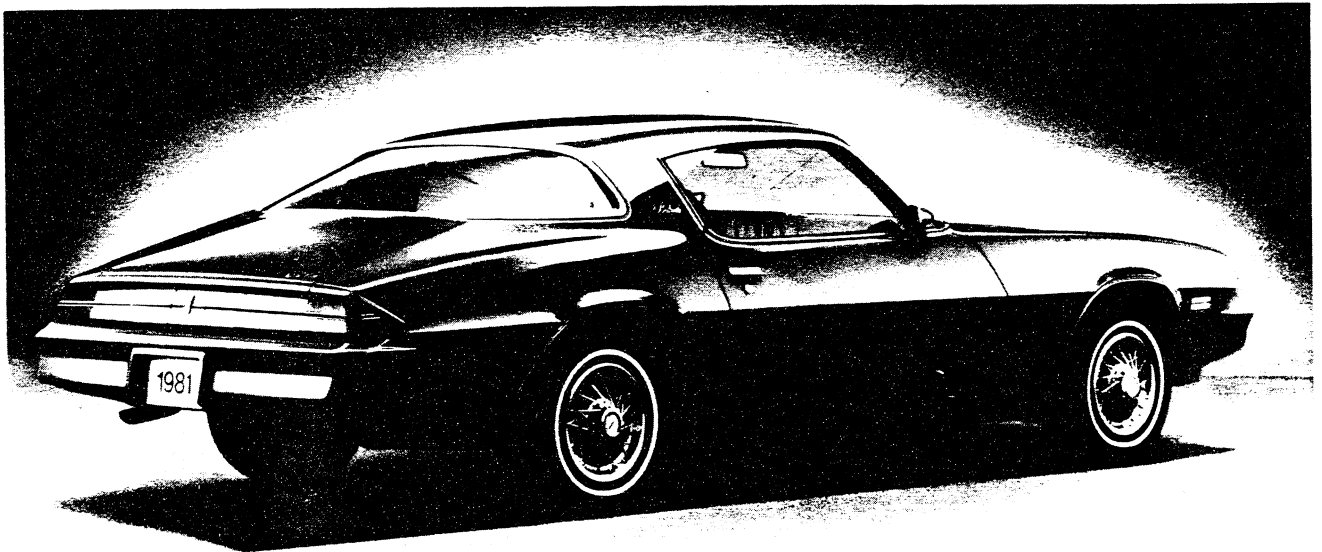
Standard Z28 Wheel



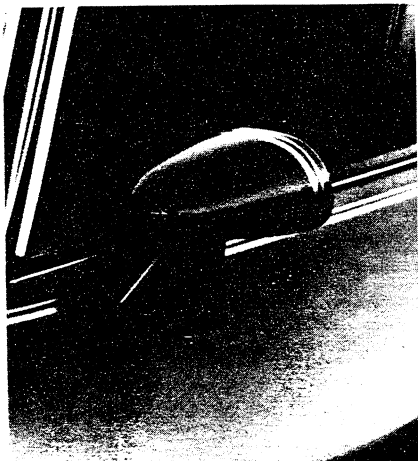
Optional Color-Keyed Aluminum Wheel (RPO N90)



Berlinetta Front Styling



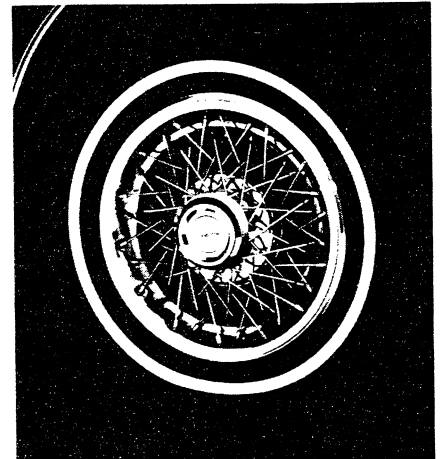
Berlinetta Rear Styling



Dual Body-Colored Sport Mirrors  
and Dual Pin Striping



Berlinetta Nameplate on Roof  
Pillar and Dual Pin Striping



Wire Wheel Covers *Standard*



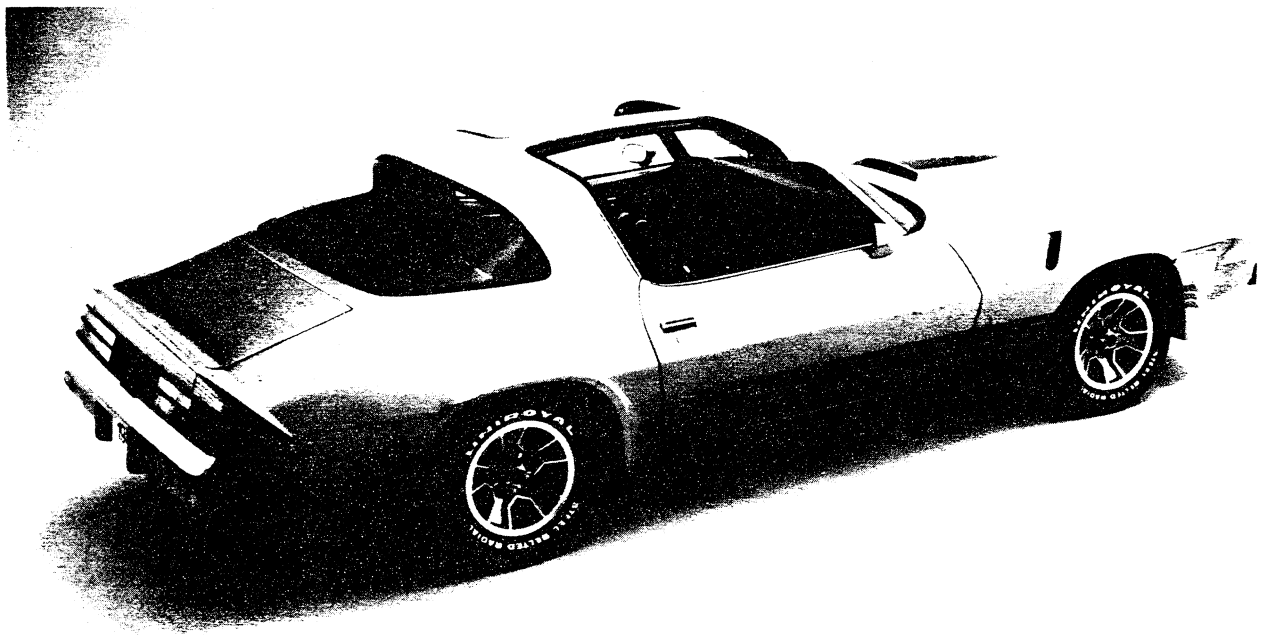
# INTERIOR FEATURES



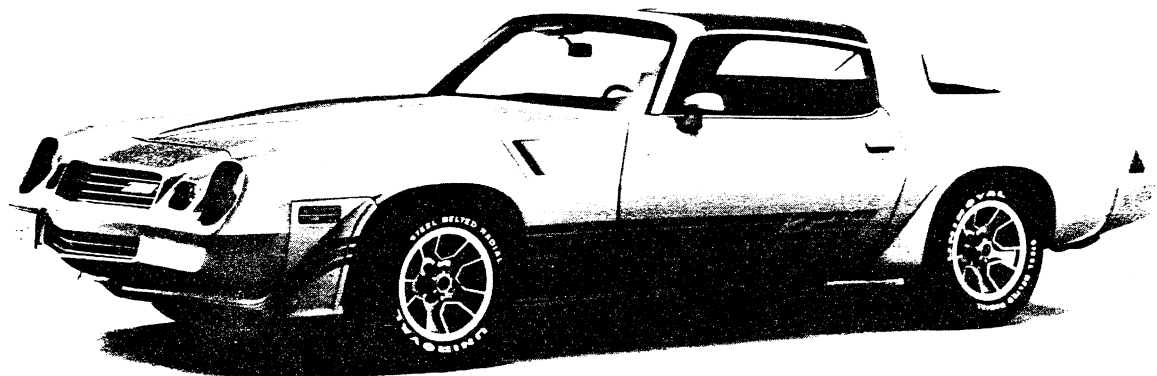
Berlinetta Custom Bucket Seat Interior In Available Cloth

INTERIOR FEATURES	Berlinetta	Z28	Sport Coupe
Front bucket seats	S	S	S
Custom styled front bucket seats	S	EC	EC
Center console with transmission shift control	S	S	S
Four-spoke steering wheel with shield emblem on hub	NA	NA	S
Four-spoke steering wheel with Berlinetta emblem on hub	S	NA	NA
Special steering wheel rims and simulated cord wrapping and Z28 emblem	NA	S	NA
Soft door trim panel with built-in armrest, integral pull handle and carpeted lower door (Custom trim)	S	EC	EC
Soft door trim panel with built-in armrest and integral pull handle (base trim)	NA	S	S
Day/night inside rearview mirror	S	S	S
Center dome light with bright bezel	S	S	S
Foam-backed one-piece perforated vinyl headlining	S	S	S
One-piece color-keyed cut-pile carpeting	S	S	S
Deluxe color-keyed seat and shoulder belts	S	S	S
Luggage compartment mat	S	S	S
Dual horns	S	EC	EC
Interior decor/Quiet Sound Group	S	EC	EC
Vinyl rear quarter trim panel	S	S	S
Built-in rear quarter panel armrests	S	S	S

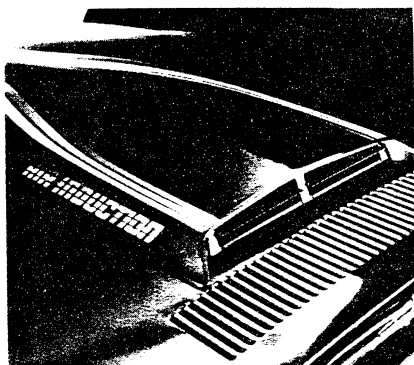
S — Standard EC — Extra Cost NA — Not Available



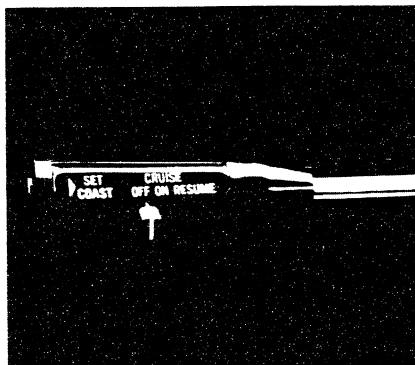
Camaro Z28 Rear Styling



Camaro Z28 Front Styling



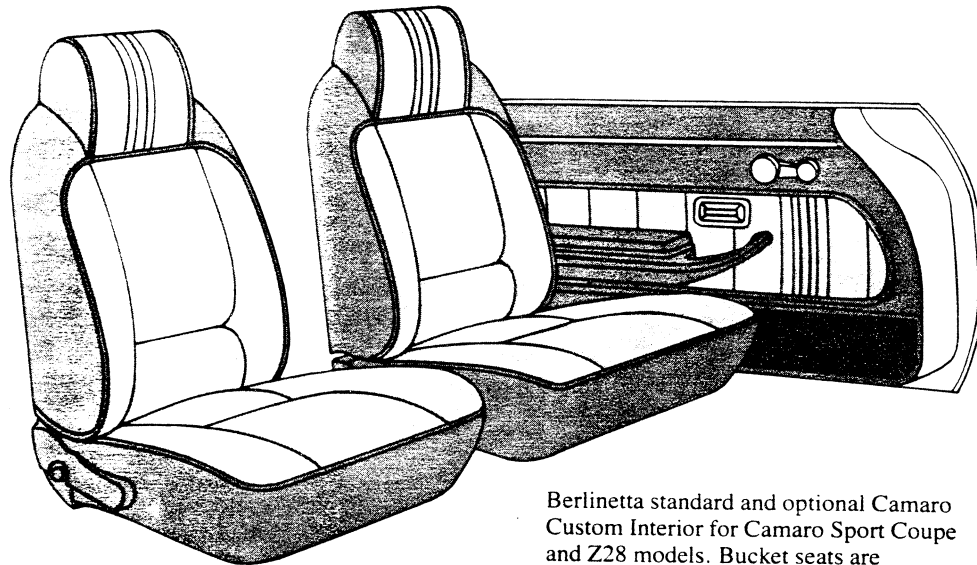
Functional Hood Air Intake



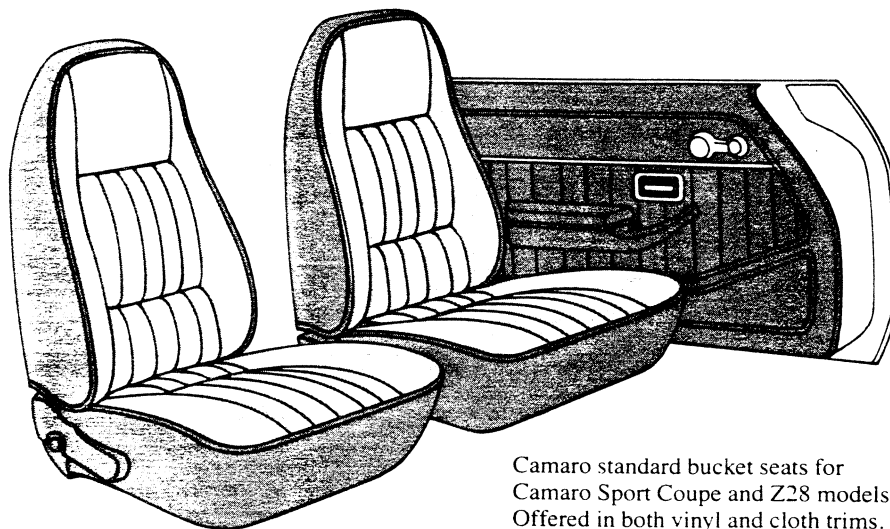
Optional Automatic Speed Control with New "Resume Speed" Feature



Rear Wheel Opening Flare Styling

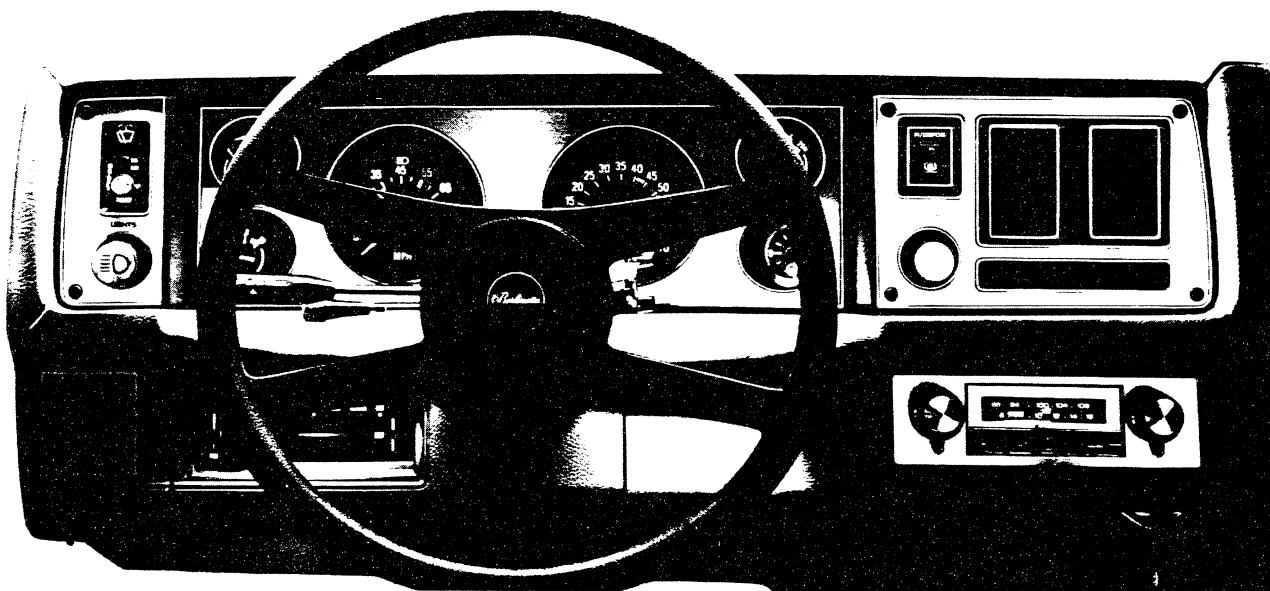


Berlinetta standard and optional Camaro Custom Interior for Camaro Sport Coupe and Z28 models. Bucket seats are offered in both Custom vinyl and Custom cloth trims.



Camaro standard bucket seats for Camaro Sport Coupe and Z28 models. Offered in both vinyl and cloth trims.

NOTE: Illustrations show basic seat and door trim styling. Different tones of shading denote different materials (vinyl, cloth, carpet).



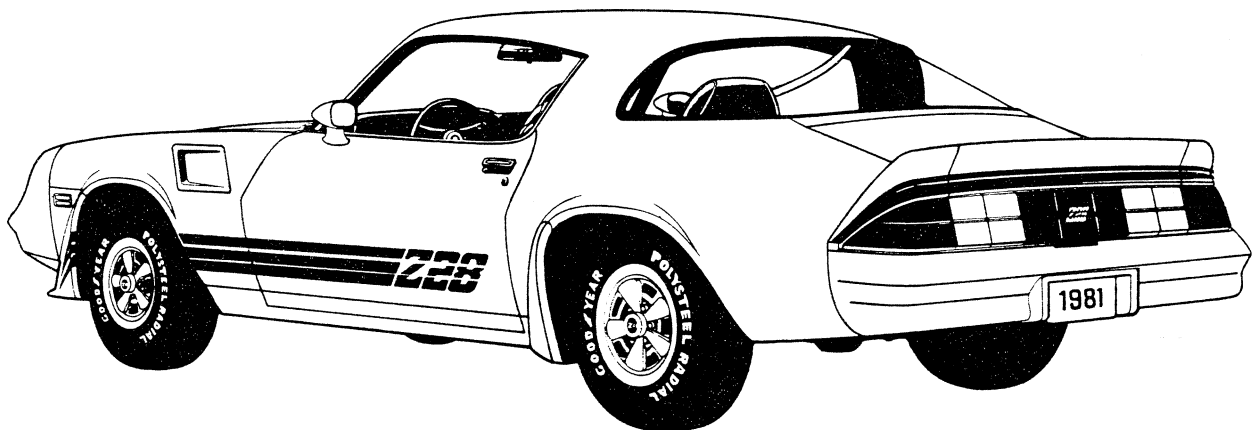
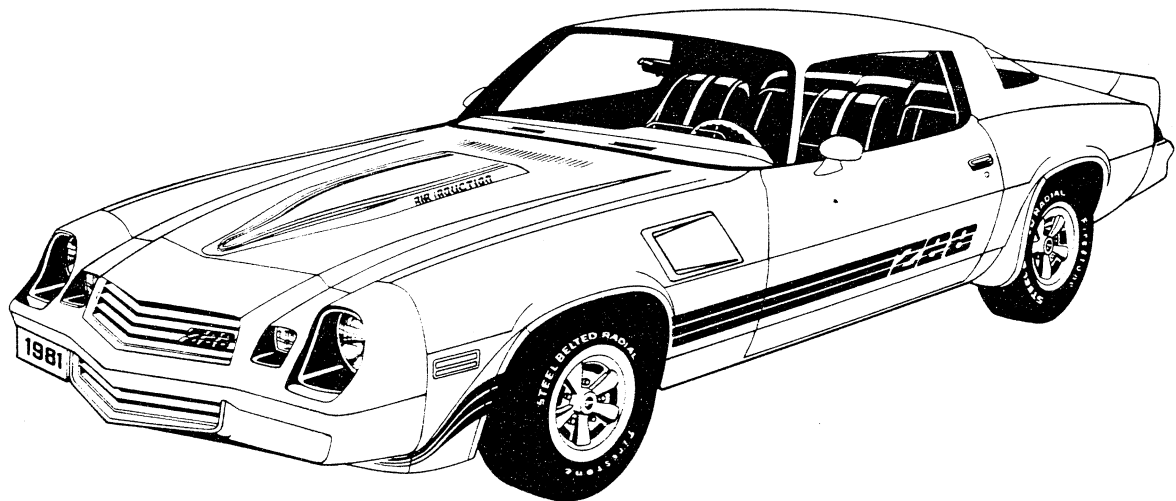
Camaro Berlinetta Instrument Panel

INSTRUMENT PANEL FEATURES	Berlinetta	Z28	Sport Coupe
Instrument panel compartment light	S	EC	EC
Color-keyed instrument panel, steering wheel and column	S	S	S
Round instrumentation with 85 mph/140 kph (kilometers per hour) speedometer	S	S	S
Bright brushed instrument cluster faceplate	S	NA	NA
Gunmetal brushed instrument cluster faceplate	NA	S	NA
Black crackle-finish instrument cluster faceplate	NA	NA	S
Special instrumentation with tachometer	S	S	EC
Intermittent windshield wipers	EC	EC	EC
Cigarette lighter	S	S	S
Glove compartment with light and lock	S	EC	EC
Electric clock	S	S	EC
Column mounted turn signal	S	S	S

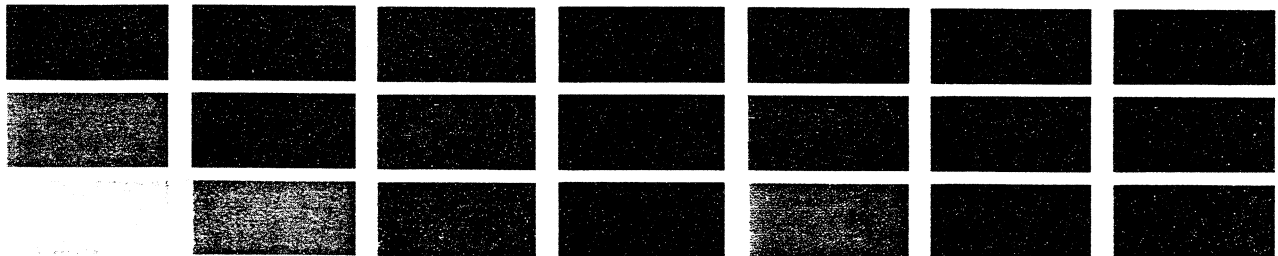
S — Standard EC — Extra Cost NA — Not Available

# CAMARO Z28 STRIPING

Tri-Tone striping on lower body sides, across front air dam and on rear spoiler. Flared Tri-Tone striping on hood air scoop. Available in seven color combinations keyed to exterior/interior colors.



Z28 STRIPING COLORS



Silver

Charcoal

Blue

Dark Gold

Gold

Red

Orange

# COLOR AND TRIM COMBINATIONS

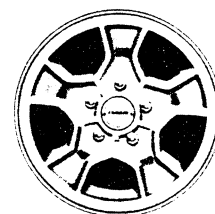
Note: For Z28 Color and Trim Combinations, Pin Striping and Aluminum Wheel Colors, see p. 13. For Berlinetta Pin Striping and Aluminum Wheel Colors, see p. 15.

		INTERIOR COLORS					
		BEIGE	BLACK	DK. BLUE	CAMEL	RED	SILVER
<b>BERLINETTA</b>							
	Custom Vinyl (Bucket)	X		X		X	X
	Custom Cloth (Bucket)	X	X	X		X	X
<b>CAMARO CUSTOM INTERIOR</b>							
	Custom Vinyl (Bucket)	X		X		X	X
	Custom Cloth (Bucket)	X	X	X		X	X
<b>CAMARO SPORT COUPE</b>							
	Vinyl (Bucket)		X	X	X	X	X
	Cloth (Bucket)			X	X	X	
<b>EXTERIOR COLORS</b>		<b>CODE</b>					
■	BLACK	19	X	X		X	X
■	BLUE, BRIGHT (METALLIC)	20	X	X	X	X	X
■	BLUE, DARK (METALLIC)	29	X		X	X	X
■	BLUE, LIGHT (METALLIC)	21		X	X		
■	BROWN, DARK (METALLIC)	67	X			X	
■	CHARCOAL (METALLIC)	84	X	X		X	X
■	GOLD, (METALLIC)	54	X	X		X	
■	MAROON (METALLIC)	77	X	X		X	X
■	ORANGE (METALLIC)	57	X	X		X	
■	RED	75	X	X		X	X
	SILVER (METALLIC)	16		X	X		X
	WHITE	11	X	X	X	X	X
	YELLOW, BRIGHT	51		X		X	

**STANDARD INTERIOR TRIM GUIDE** • Vinyl interior and bucket seats standard on all models. • All other combinations are optional, including Cloth, Custom Cloth and Custom Interiors for Camaro.

## ALUMINUM WHEEL (RPO N90) COLORS — SPORT COUPE ONLY

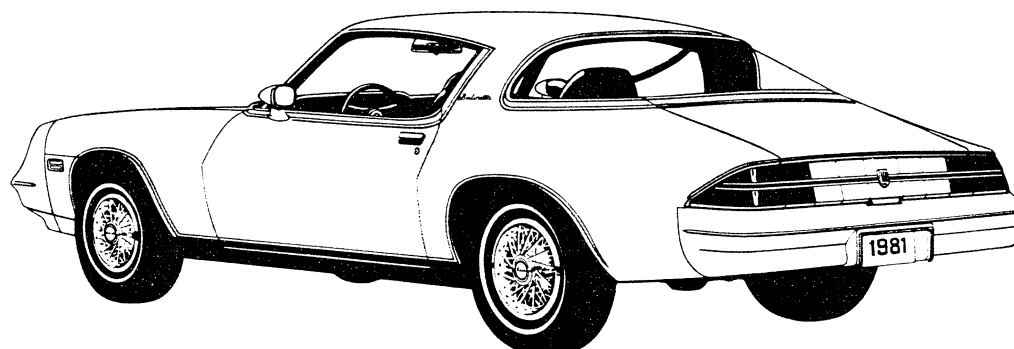
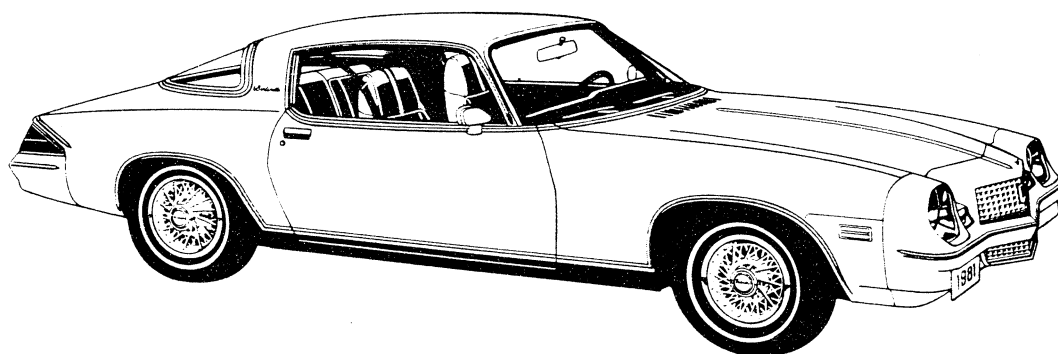
EXTERIOR COLOR	CODE	INTERIOR COLOR					
		Beige	Black	Dark Blue	Camel	Red	Silver
		WHEEL COLOR					
Black	19	Black	Black	Black	Black	Black	Black
Blue, Bright (Met)	20	Silver	Silver	Silver	Silver	Silver	Silver
Blue, Dark (Met)	29	Silver	Silver	Silver	Silver	Silver	Silver
Blue, Light (Met)	21	Silver	Silver	Silver	Silver	Silver	Silver
Brown, Dark (Met)	67	Gold	Gold	Gold	Gold	Gold	Gold
Charcoal (Met)	84	Silver	Silver	Silver	Silver	Silver	Silver
Gold (Met)	54	Gold	Gold	Gold	Gold	Gold	Gold
Maroon (Met)	77	Silver	Silver	Silver	Silver	Silver	Silver
Orange (Met)	57	Gold	Gold	Gold	Gold	Gold	Gold
Red	75	Silver	Silver	Silver	Silver	Silver	Silver
Silver (Met)	16	Silver	Silver	Silver	Silver	Silver	Silver
White	11	Silver	Silver	Silver	Silver	Silver	Silver
Yellow, Bright	51	Black	Black	Black	Black	Black	Black



Optional Aluminum Wheels (RPO N90) Gold, Silver or Black color-keyed to Exterior/Interior colors. See chart.

# CAMARO BERLINETTA STRIPING

Dual pin striping across front and rear bumpers, on center and rear edge of hood, around side and rear windows, across rear deck over taillights, over wheel openings, along rocker panels and around Sport mirrors. Six colors keyed to exterior/interior colors.



## BERLINETTA STRIPING COLORS

Silver

Black

Blue

Beige

Gold

Red

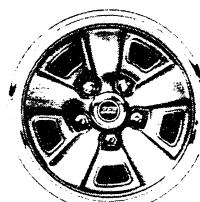
## Z28 EXTERIOR, INTERIOR AND STRIPING COLOR COMBINATIONS

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.)

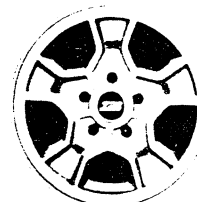
			INTERIOR COLORS					
SEAT TYPE			Beige	Black	Dark Blue	Camel	Red	Silver
Vinyl Bucket				VBB2	VDD2	VCC2	VFF2	VQQ2
Custom Vinyl Bucket			XUU2		XDD2		XFF2	XQQ2
Cloth Bucket					CDD2	CCC2	CFF2	
Custom Cloth Bucket			FUU2	FBB2	FDD2		FFF2	FQQ2
EXTERIOR PAINT COLOR	CODE	Z28 STRIPING COLOR						
Black	19	Gold	R			R		
Black	19	Red					R	
Black	19	Silver		R				R
Blue, Bright (Metallic)	20	Blue		R	R			
Blue, Bright (Metallic)	20	Silver						R
Blue, Dark (Metallic)	29	Blue			R			
Blue, Dark (Metallic)	29	Gold	R			R		
Blue, Dark (Metallic)	29	Silver						R
Blue, Light (Metallic)	21	Blue		R	R			
Brown, Dark (Metallic)	67	Gold	R			R		
Charcoal (Metallic)	84	Red					R	
Charcoal (Metallic)	84	Silver		R				R
Gold (Metallic)	54	Gold	R	R		R		
Maroon, Dark (Metallic)	77	Gold	R			R		
Maroon, Dark (Metallic)	77	Red					R	
Maroon, Dark (Metallic)	77	Silver		R				R
Orange (Metallic)	57	Orange	R	R		R		
Red	75	Gold				R		
Red	75	Orange	R	R			R	
Red	75	Silver						R
Silver (Metallic)	16	Blue			R			
Silver (Metallic)	16	Charcoal		R				R
Silver (Metallic)	16	Red					R	
White	11	Blue			R			
White	11	Gold	R			R		
White	11	Red					R	
White	11	Silver		R				R
Yellow, Bright	51	Orange		R				

## ALUMINUM WHEEL (RPO N90) COLORS

		INTERIOR COLORS					
EXTERIOR PAINT COLOR	CODE	Beige	Black	Dark Blue	Camel	Red	Silver
WHEEL COLOR							
Black	19	Gold	Silver		Gold	Silver	Silver
Blue, Bright (Met)	20	Silver	Silver				Silver
Blue, Dark (Met)	29	Gold		Silver	Gold		Silver
Blue, Light (Met)	21		Silver	Silver			
Brown, Dark (Met)	67	Gold			Gold		
Charcoal (Met)	84	Gold	Silver		Gold	Silver	Silver
Gold (Met)	54	Gold	Gold		Gold		
Maroon (Met)	77	Gold	Silver		Gold	Silver	Silver
Orange (Met)	57	Gold	Gold		Gold		
Red	75	Silver	Silver		Silver	Silver	Silver
Silver (Met)	16		Silver	Silver		Silver	Silver
White	11	Gold	Silver	Silver	Gold	Silver	Silver
Yellow, Bright	51		Black				



Standard Z28 Wheels. Color-keyed to match body color.



Optional Aluminum Wheels (RPO N90) Gold, Silver or Black color keyed to Exterior/Interior colors. See chart.



# EQUIPMENT SUMMARY

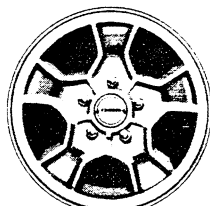
EXTERIOR	Berlinetta	Z28	Sport Coupe
Bright windshield reveal molding	S	NA	S
Black windshield reveal molding	NA	S	NA
Bright headlight and parking light bezels	S	NA	S
Black headlight and parking light bezels	NA	S	NA
Bright and argent upper and lower grille	S	NA	NA
Argent upper and lower grille	NA	NA	S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

## BERLINETTA EXTERIOR, INTERIOR AND PIN STRIPING COLOR COMBINATIONS

EXTERIOR COLOR	CODE	INTERIOR COLOR				
		Beige	Black	Dark Blue	Red	Silver
		PIN STRIPING COLOR				
Black	19	Gold	Gold		Red	Silver
Blue, Bright (Met)	20	Beige	Silver			Silver
Blue, Dark (Met)	29	Beige		Blue		Silver
Blue, Light (Met)	21		Black	Blue		
Brown, Dark (Met)	67	Gold				
Charcoal (Met)	84	Beige	Silver		Red	Silver
Gold (Met)	54	Beige	Black			
Maroon (Met)	77	Gold	Red		Red	Silver
Orange (Met)	57	Gold	Black			
Red	75	Beige	Black		Silver	Silver
Silver (Met)	16		Black	Blue	Red	Black
White	11	Gold	Black	Blue	Red	Silver
Yellow, Bright	51		Black			

## ALUMINUM WHEEL (RPO N90) COLORS BERLINETTA ONLY

EXTERIOR COLOR	CODE	INTERIOR COLOR					
		Beige	Black	Dark Blue	Camel	Red	Silver
		WHEEL COLOR					
Black	19	Gold	Gold		Black	Black	
Blue, Bright (Met)	20	Silver	Silver			Silver	
Blue, Dark (Met)	29	Silver		Silver		Silver	
Blue, Light (Met)	21		Silver	Silver			
Brown, Dark (Met)	67	Gold					
Charcoal (Met)	84	Silver	Silver		Silver	Silver	
Gold (Met)	54	Gold	Gold				
Maroon (Met)	77	Gold	Silver		Silver	Silver	
Orange (Met)	57	Gold	Gold				
Red	75	Silver	Silver		Silver	Silver	
Silver (Met)	16		Silver	Silver	Silver	Silver	
White	11	Gold	Silver	Silver	Silver	Silver	
Yellow, Bright	51		Black				



Optional  
Aluminum Wheels  
(RPO N90) Gold,  
Silver or Black  
color-keyed to  
Exterior/Interior  
colors. See chart.

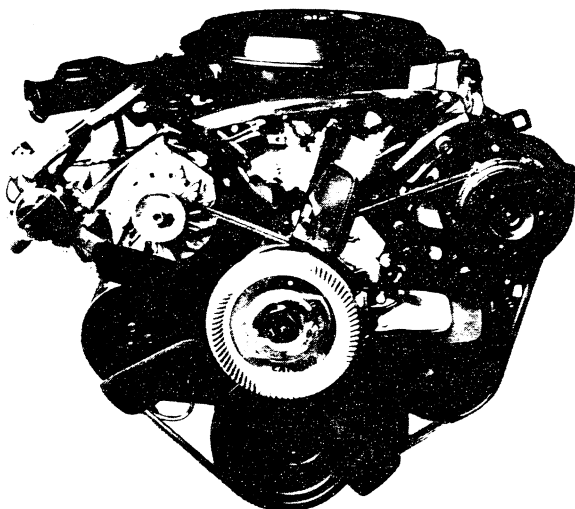
# OPTIONAL EQUIPMENT

	RPO	Berlinetta	Z28	Sport Coupe
<b>Air Conditioning.</b> Includes Heavy-Duty Cooling	C60	•	•	•
<b>Axles:</b>				
<b>Performance Axle Ratio</b>	G92	•	NA	•
<b>Limited Slip Differential</b>	G80	•	•	•
<b>Battery, Heavy-Duty</b>	UA1	•	•	•
<b>Clock, Electric.</b> Included with Special Instrumentation	U35	S	S	•
<b>Cooling, Heavy-Duty</b>	V08	•	S	•
<b>Defogger, Electric Rear Window</b>	C49	•	•	•
<b>Door Lock System, Power</b>	AU3	•	•	•
<b>Engines:</b> See Power Teams for availability				
<b>4.4 Liter 2-Bbl. V8</b>	L39	•	NA	•
<b>5.0 Liter 4-Bbl. V8</b>	LG4	•	S	•
<b>5.7 Liter 4-Bbl. V8</b>	LM1	NA	•	NA
<b>Floor Mats, Color-Keyed — Front &amp; Rear</b>	B37	•	•	•
<b>Gage Package with Tachometer.</b> Includes electric clock, voltmeter and temperature gages	U14	S	S	•
<b>Glass, Tinted</b>	A01	•	•	•
<b>Headlamps, Halogen.</b> (High and low beam)	TT4	•	•	•
<b>Horns, Dual</b>	U05	S	•	•
<b>Interior Decor/Quiet Sound Group.</b> Includes additional instrument cluster lighting; glove compartment light; bright accents on the instrument panel plus special engine compartment, hood and interior insulation	Z54	S	•	•
<b>Lighting, Auxiliary.</b> Includes ashtray light, instrument panel courtesy lights, glove compartment light, luggage compartment light, underhood light, headlight reminder buzzer	TR9	•	•	•
<b>Mirrors, Sport — LH Remote &amp; RH Manual</b>	D35	S	S	•
<b>Moldings:</b>				
<b>Body Side.</b> Includes vinyl insert	B84	•	NA	•
<b>Door Edge Guard</b>	B93	•	•	•
<b>Roof Drip.</b> Included with Style Trim Group	B80	•	•	•
<b>Delco Radio Equipment:</b> (Note: Check Dealer Order Guide for other equipment included or required)				
<b>AM Radio</b>	U63	•	•	•
<b>AM/FM Radio</b>	U69	•	•	•
<b>AM/FM Stereo/Citizens Band Radio with Power Antenna</b>	UP6	•	•	•
<b>AM/FM Stereo Radio</b>	U58	•	•	•
<b>AM/FM Stereo Radio with 8-Track Stereo Tape</b>	UM2	•	•	•
<b>AM/FM Stereo Radio with Stereo Cassette Tape</b>	UN3	•	•	•

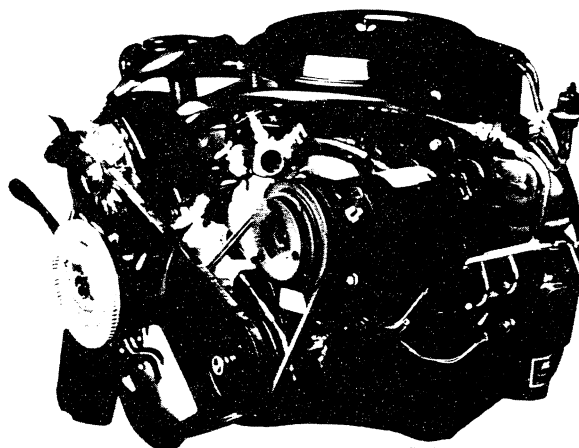
<b>POWER TEAMS/CHASSIS MECHANICAL</b>	<b>Berlinetta</b>	<b>Z28</b>	<b>Sport Coupe</b>
3.8 Liter 2-Bbl. V6 (229 cu. in.) engine*	S	NA	S
5.0 Liter 4-Bbl. V8 (305 cu. in.) engine	EC	S	EC
5.7 Liter 4-Bbl. V8 (350 cu. in.) engine	NA	EC	NA
Three-speed manual transmission	S	NA	S
Four-speed manual transmission	EC	S	EC
Power steering	S	S	S
Forward-mounted recirculating ball steering gear and linkage	S	S	S
Power front disc/rear drum brake system	S	S	S
Vented front disc brake rotors and finned rear brake drums	S	S	S
Disc brake audible wear sensors	S	S	S
P205/75R-14 steel-belted radial ply white-stripe tires	S	NA	EC
P205/75R-14 steel-belted radial ply blackwall tires	NA	NA	S
P225/70R-15 steel-belted radial ply raised white-lettered tires	NA	S	NA
14" x 6" wheels	NA	NA	S
14" x 7" wheels	S	NA	EC
15" x 7" wheels	NA	S	NA
Flow-thru ventilation system	S	S	S
Delco Freedom II battery with sealed side terminals	S	S	S
High Energy Ignition system	S	S	S
Delcotron generator with built-in solid-state regulator	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
Front stabilizer bar	S	S	S
Visible ball joint wear indicators on front suspension lower control arms	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
Double-acting sealed-unit hydraulic front shock absorbers	S	S	S
Bias-mounted double-acting sealed-unit hydraulic rear shock absorbers	S	S	S
Sport suspension	NA	NA	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
Special exhaust system	NA	S	NA
Heavy-gage steel roof panel with double-flanged channel-crossed reinforcing bows	S	S	S
Box-section design roof rails, windshield and rear window headers, door and roof pillars	S	S	S
High-strength double-walled cowl unit-welded to instrument panel, floor, and dash panel	S	S	S
All-welded heavy-gage steel body construction with cowl, roof, underbody and body panels	S	S	S
Front and rear inner fenders	S	S	S
Double panel door, hood, and deck lid	S	S	S
Counterbalanced hood and deck lid	S	S	S
Bolt-on front end sheet metal cushion-mounted to partial frame and radiator support assembly	S	S	S
Cushioned body mounting system	S	S	S
Heavily ribbed and formed underbody with transverse stiffeners welded to underbody and body sills	S	S	S

S — Standard EC — Extra Cost NA — Not Available \* — 231 cu. in V6 for California

# POWER TEAMS



3.8 Liter 2-Bbl. V6 Engine.  
Standard on All Models Except Z28



5.0 Liter 4-Bbl. V8 Engine.  
Standard on Camaro Z28

Engine	RPO No.	Power Rating*	Displacement (cubic inches)	Engine Availability		Transmissions/ Rear Axle Ratio		
				All Models Except Z28	Z28 Only	Three-Speed Manual RPO MM3 (1) Std.	Four-Speed Manual RPO MM4 (1) Std.	Automatic RPO (1)MX1

## ALL STATES EXCEPT CALIFORNIA

(with Standard Emission System — RPO NA5)

3.8 Liter 2-Bbl. V6 (A)	LC3	110	229	Std.	NA	2.73	—	2.73
4.4 Liter 2-Bbl. V8 (B)	L39	115	267	EC	NA	—	—	2.56
5.0 Liter 4-Bbl. V8 (B)	LG4	145(2) 165(3)	305	EC	Std.	—	2.56(2) 3.42(3)	2.56**(2)
5.7 Liter 4-Bbl. V8 (A)	LM1	NA	350	NA	EC	—	—	3.08

## CALIFORNIA ONLY

(with California Emission Requirements — RPO YF5)

3.8 Liter 2-Bbl. V6 (C)	LD5	110	231	Std.	NA	—	—	2.73
5.0 Liter 4-Bbl. V8 (B)	LG4	145(2) 165(3)	305	EC	Std.	—	2.56(2) 3.42(3)	2.56**(2)
5.7 Liter 4-Bbl. V8 (A)	LM1	NA	350	NA	EC	—	—	3.08

\*S.A.E. net horsepower as installed.

Std. — Standard.

EC — Optional at extra cost.

NA — Not Available.

\*\*3.08 Performance Ratio optional (RPO G92).

(1) With floor-mounted shift control.

(2) NA on Z28.

(3) Z28 only.

(A) Produced by GM — Chevrolet Motor Division.

(B) Produced by GM — Chevrolet Motor Division and GM of Canada.

(C) Produced by GM — Buick Motor Division.

See EPA section for mileage estimates.

	RPO	Berlinetta	Z28	Sport Coupe
<b>Speaker, Rear Seat.</b> Optional with AM. AM/FM monaural radios only	U80	•	•	•
<b>Power Antenna.</b> NA with Windshield Antenna	U75	•	•	•
<b>Windshield Antenna.</b> Included with factory-installed radios. NA with Power Antenna	U76	•	•	•
<b>Roof Panels, Removable Glass.</b> With twin removable tinted glass panels.	CC1	•	•	•
<b>Seat Back, Adjustable Driver's</b> (2 positions)	AN6	•	•	•
<b>Speed Control, Automatic, with resume speed.</b> Optional only with Automatic Transmission. Not available in California on six-cylinder models	K35	•	•	•
<b>Spoiler, Rear.</b> Includes rear deck and side panel spoiler	D80	•	S	•
<b>Steering Wheel, Comfortilt</b>	N33	•	•	•
<b>Style Trim Group.</b> Includes bright roof drip, door pillar, upper fender, hood panel and belt moldings. Also includes color-keyed door handle inserts	Z21	S	•	•
<b>Suspension, Sport.</b> Includes larger diameter front stabilizer, added rear stabilizer, special shock absorbers and "high-effort feel" power steering	F41	•	NA*	•
<b>Tires:</b>				
<b>P205/75R-14 Steel-Belted Radial Ply White-stripe</b>	QJY	S	NA	•
<b>P205/75R-14 Steel-Belted Radial Ply White Lettered</b>	QKL	•	NA	•
<b>P225/70R-15 Steel-Belted Radial Ply White Lettered</b>	QGR	NA	•	NA
<b>Transmissions:</b> See Power Teams for availability				
<b>Four-Speed Manual</b>	MM4	•	S	•
<b>Automatic</b>	MX1	•	•**	•
<b>Trim, Interior.</b> (See Color and Trim Selections)				
<b>Custom Vinyl Interior</b>	— —	S	•	•
<b>Custom Knit Cloth Interior</b>	— —	•	•	•
<b>Sport Cloth Interior</b>	— —	NA	•	•
<b>Wheel Equipment:</b>				
<b>Aluminum Wheels, Color-Keyed.</b>	N90	•	•	•
<b>Rally Wheels, Body Color.</b> Includes special wheels, bright trim rings and center caps. Requires steel-belted radial ply tires on Sport Coupe with V8 engine.	ZJ7	NA	NA	•
<b>Full Wheel Covers</b>	P01	NA	NA	•
<b>Wheel Cover Locking Package (Berlinetta only)</b>	N18	•	NA	NA
<b>Custom Styled Wheels, Color-Keyed.</b> Optional in Argent on Sport Coupe only with steel-belted radial ply tires	PE1	NA	NA	•
<b>Windows, Power</b>	A31	•	•	•
<b>Windshield Wiper System, Intermittent</b>	CD4	•	•	•

S — Standard • — Available at extra cost NA — Not Available \*Special Sport Suspension standard on Z28 \*\*5.7 Liter V8 Required

# DIMENSIONS/SPECIFICATIONS

EXTERIOR DIMENSIONS	Berlinetta Coupe	Z28 Sport Coupe	Sport Coupe
Wheelbase	108.0	108.0	108.0
Length (overall)	197.6	197.6	197.6
Width (overall)	74.5	74.5	74.5
Height (loaded)	49.2	49.2	49.2
Front tread	61.6	61.3	61.3
Rear tread	60.3	60.0	60.0
Minimum ground clearance	4.9	4.9	4.9
INTERIOR ROOMINESS			
Head room — front	37.1	37.1	37.1
Head room — rear	35.7	35.7	35.7
Leg room — front	43.9	43.9	43.9
Leg room — rear	28.4	28.4	28.4
Hip room — front	55.3	55.3	55.3
Hip room — rear	46.3	46.3	46.3
Shoulder room — front	57.4	57.4	57.4
Shoulder room — rear	54.4	54.4	54.4
LUGGAGE COMPARTMENT			
Maximum opening width	40.5	40.5	40.5
Liftover height	27.2	27.2	27.2
Usable luggage space (cu. ft.)	9.2	9.2	9.2
RATED FUEL TANK CAPACITY (gallons)	21	21	21
CURB WEIGHT (pounds)	3374	3600	3326

# BODY FEATURES

## SOUND-DEADENING FEATURES

Over the years, the Camaro has been developed with a high degree of sophistication in the area of making the car pleasantly quiet in a variety of road, wind and weather conditions. In this evolutionary process, the following areas of the body have materials applied or installed to help achieve a level of quiet.

- Underhood sound absorber blanket.
- Sound absorber and barrier assembly on the dash panel.
- Seals between the hood and dash panel and windshield and dash panel.
- Seals between front fenders and body.
- Sealers and grommets on all openings to dash panel.
- Spray-on sound deadeners and mastics on doors, wheelhousings, sail panels, roof and under the rear seat.
- Fiber sound absorber/barriers under and behind the rear seat.
- Fiber insulator in the trunk.
- Fiberboard and fiber absorber radio speaker enclosures with optional radios.
- Fiber absorber and mastic barrier on front and rear underbody.
- Asphalt-saturated felt sound deadening roof pad.
- Noise-control pads at the top of the rear seat.

The Berlinetta also has additional sound deadening features with

auxiliary seals at the door lower edges and a luxurious cloth headlining backed by thick foam sound absorber. A special fiber absorber and sound deadener is used at the rear window ledge.

## ANTI-CORROSION MEASURES

Protecting the 1981 Camaro from the harmful effects of corrosion affects practically every stage of manufacture. Bare metals are cleaned and treated to resist corrosion even during manufacture. Special drain holes and drainage provisions are built into the structure. Some of the specific areas affected and treatments used in every 1981 Camaro are listed below:

- Drain holes are located in doors and deck lid to promote drainage.
- Watershed joints and flanges in the roof area to prevent water troughs.
- A bolt-on panel between the rear window and deck lid allows quick water drain-off.
- Front of dash is designed for ram air water separation.
- Zinc-rich precoated steel sill panels and underbody components.
- Zinc-rich precoated steel rear quarters, front fenders and outer door panels.
- Zinc-rich precoated steel outer wheelhousing and rear compartment floor pan reinforcements.
- Zinc prime coating on inner door.
- Plastisol® applied to the door and deck lid hem flanges.
- Wax-type coating on frame.
- Aluminized wax coating sprayed in body cavities.
- Phosphate coating and wax on hood hinges.
- Phosphate and organic coating on selected fasteners.
- Adhesively applied nameplates and emblems.
- Electronically deposited dip primer for complete body and front end panels.

## FINAL QUALITY STEPS

Following the electronically deposited dip primer for the complete body and front end panels, these are some of the steps in the final finishing process:

- A primer-surfacer is applied over the initial priming treatments.
- The primer-surfacer is then baked and wet-sanded both with power sanders and hand sanders to help assure a smooth undercoat for the top coats.
- The color top coat is applied to a specified film thickness and baked.
- After the baking process, an asphaltic-base deadener is sprayed inside the wheelhousings at designated areas to help block out road noises and provide additional corrosion protection.
- After these steps in the final assembly process, the finish is carefully checked, and any mars, nicks or scratches that might have occurred are corrected at the factory before shipment.



# COLOR AND TRIM COMBINATIONS

			INTERIOR COLORS					
			BEIGE	BLACK	DK. BLUE	CAMEL	RED	SILVER
<b>BERLINETTA</b>								
(Bucket)	Custom Vinyl		X		X		X	X
	Custom Cloth		X	X	X		X	X
<b>CAMARO AND Z28 CUSTOM INTERIOR</b>								
(Bucket)	Custom Vinyl		X		X		X	X
	Custom Cloth		X	X	X		X	X
<b>CAMARO AND Z28</b>								
(Bucket)	Vinyl			X	X	X	X	X
	Cloth				X	X	X	
<b>EXTERIOR COLORS (except Z28)</b>								
	CODE							
BLACK	19		X	X		X	X	X
BLUE, BRIGHT (METALLIC)	20		X	X	X	X		X
BLUE, DARK (METALLIC)	29		X		X	X		X
BLUE, LIGHT (METALLIC)	21			X	X			
BROWN, DARK (METALLIC)	67		X			X		
CHARCOAL (METALLIC)	84		X	X		X	X	X
GOLD (METALLIC)	54		X	X		X		
MAROON (METALLIC)	77		X	X		X	X	X
ORANGE (METALLIC)	57		X	X		X		
RED	75		X	X		X	X	X
SILVER (METALLIC)	16			X	X		X	X
WHITE	11		X	X	X	X	X	X
YELLOW, BRIGHT	51			X		X		
<b>EXTERIOR COLORS (Z28 only)</b>								
	Striping Identification	CODE						
BLACK	Gold	19	X			X		
BLACK	Red	19					X	
BLACK	Silver	19		X				X
BLUE, BRIGHT (METALLIC)	Blue	20		X	X			
BLUE, BRIGHT (METALLIC)	Silver	20						X
BLUE, DARK (METALLIC)	Blue	29			X			
BLUE, DARK (METALLIC)	Gold	29	X			X		
BLUE, DARK (METALLIC)	Silver	29						X
BLUE, LIGHT (METALLIC)	Blue	21		X	X			
BROWN, DARK (METALLIC)	Gold	67	X			X		
CHARCOAL (METALLIC)	Red	84					X	
CHARCOAL (METALLIC)	Silver	84		X				X
GOLD (METALLIC)	Gold	54	X	X		X		
MAROON, DARK (METALLIC)	Gold	77	X			X		
MAROON, DARK (METALLIC)	Red	77					X	
MAROON, DARK (METALLIC)	Silver	77		X				X
ORANGE (METALLIC)	Orange	57	X	X		X		
RED	Gold	75				X		
RED	Orange	75	X	X			X	
RED	Silver	75						X
SILVER (METALLIC)	Blue	16			X			
SILVER (METALLIC)	Charcoal	16		X				X
SILVER (METALLIC)	Red	16					X	
WHITE	Blue	11			X			
WHITE	Gold	11	X			X		
WHITE	Red	11					X	
WHITE	Silver	11		X				X
YELLOW, BRIGHT	Orange	51		X				

**STANDARD INTERIOR TRIM GUIDE** • Vinyl interior and bucket seats standard on all models. • All other combinations are optional, including Cloth, Custom Cloth and Custom Interiors for Camaro Sport Coupe and Z28.



## ALPHABETICAL OPTION INDEX

(Not for ordering purposes)

Option Number	Description	Option Number	Description
AN6	SEAT BACK, ADJUSTABLE DRIVER'S	N90	WHEEL TRIM: Wheels, Aluminum
AU3	DOOR LOCK SYSTEM, POWER	N18	WHEEL COVER LOCKING PACKAGE
A01	GLASS, TINTED: All Windows	PE1	WHEEL TRIM: Wheels, Custom Styled
A31	WINDOWS, POWER	P01	WHEEL TRIM: Wheel Covers, Full
B3W	PRELIMINARY PRICE INFORMATION	QJY	TIRES: P205/75 R-14 Whitewall (Radial)
B37	FLOOR COVERING: Mats, Color-Keyed Floor. Front and Rear	QJZ	TIRES: P205/75 R-14 Blackwall (Radial)
B80	MOLDINGS: Roof Drip	QKL	TIRES: P205/75 R-14 White Lettered (Radial)
B84	MOLDINGS: Body Side	TR9	LIGHTING, AUXILIARY
B93	MOLDINGS: Door Edge Guard	TT4	HEADLAMPS, HALOGEN
CC1	ROOF PANELS: Removable Glass	UA1	BATTERY, HEAVY-DUTY
CD4	WINDSHIELD WIPER SYSTEM: Intermittent	UM2	RADIO EQUIPMENT: AM/FM Stereo Radio with 8-Track Stereo Tape
C49	DEFOGGER, REAR WINDOW: Electric	UN3	RADIO EQUIPMENT: AM/FM Stereo Radio with Stereo Cassette Tape
C60	AIR CONDITIONING	UP6	RADIO EQUIPMENT: AM/FM Stereo/Citizens Band Radio with Power Antenna
D35	MIRRORS: Sport, LH Remote and RH Manual	U05	HORNS, DUAL
D60	NON-RECOMMENDED COLOR COMBINATION	U14	INSTRUMENTATION: Special
D80	SPOILER: Rear	U35	CLOCK: Electric
F41	SUSPENSION, SPORT	U58	RADIO EQUIPMENT: AM/FM Stereo Radio
G80	AXLE, REAR: Limited Slip Differential	U63	RADIO EQUIPMENT: AM Radio
G92	AXLE, REAR: Performance Ratio	U69	RADIO EQUIPMENT: AM/FM Radio
K35	SPEED CONTROL WITH RESUME SPEED: Automatic	U75	RADIO EQUIPMENT: Power Antenna
LC3	ENGINE: 3.8 Liter 2 BBL V6	U76	RADIO EQUIPMENT: Windshield Antenna
LD5	ENGINE: 3.8 Liter 2 BBL V6	U80	RADIO EQUIPMENT: Speaker, Rear Seat
LG4	ENGINE: 5.0 Liter 4 BBL V8	V08	COOLING, HEAVY-DUTY
LM1	ENGINE: 5.7 Liter 4 BBL V8	YF5	EMISSION SYSTEM: California Emission Requirements
L39	ENGINE: 4.4 Liter 2 BBL V8	ZJ7	WHEEL TRIM: Wheels, Rally. Color-Keyed
MM3	TRANSMISSION: 3-Speed Manual	Z21	STYLE TRIM GROUP
MM4	TRANSMISSION: 4-Speed Manual	Z28	SPORT (Model Option)
MX1	TRANSMISSION: Automatic	Z54	INTERIOR DECOR/QUIET SOUND GROUP
NA5	EMISSION SYSTEM: Standard Emission Equipment		
N33	STEERING WHEEL: Comfortilt		

# CAMARO Z28 SPORT COUPE

## 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)

Interior Trim Color		Beige	Black	Dark Blue	Camel	✓ Red	Silver
MODEL		SEAT TYPE					
1FP87-Z28	Vinyl Bucket .....		VBB2	VDD2	VCC2	VFF2	VQQ2
	Custom Vinyl Bucket .....	XUU2		XDD2		XFF2	XQQ2
	Cloth Bucket .....			CDD2	CCC2		
	Custom Cloth Bucket .....	FUU2	FBB2	FDD2		FFF2	FQQ2

Exterior Paint Color	Z28 Color Scheme Identification	Color Code		L	U				
		L	U						
Black	Gold	19	19			R			
Black	Red	19	19					R	
Black	Silver	19	19			R			R
Blue, Bright (Met)	Blue	20	20			R	R		
Blue, Bright (Met)	Silver	20	20						R
Blue, Dark (Met)	Blue	29	29				R		
Blue, Dark (Met)	Gold	29	29		R			R	
Blue, Dark (Met)	Silver	29	29						R
Blue, Light (Met)	Blue	21	21			R	R		
Brown, Dark (Met)	Gold	67	67		R			R	
Charcoal (Met)	Red	84	84						R
Charcoal (Met)	Silver	84	84			R			R
Gold (Met)	Gold	54	54		R	R		R	
Maroon, Dark (Met)	Gold	77	77		R			R	
Maroon, Dark (Met)	Red	77	77						R
Maroon, Dark (Met)	Silver	77	77			R			R
Orange (Met)	Orange	57	57		R	R		R	
Red	Gold	75	75					R	
Red	Orange	75	75		R	R			R
Red	Silver	75	75						R
Silver (Met)	Blue	16	16				R		
Silver (Met)	Charcoal	16	16			R			R
Silver (Met)	Red	16	16					R	
White	Blue	11	11				R		
White	Gold	11	11		R			R	
White	Red	11	11						R
White	Silver	11	11			R			R
Yellow, Bright	Orange	51	51			R			

L = Lower U = Upper

## POWER TEAMS

(Refer to next page for option availability and application)

ENGINE OPTION CONDITION		AXLE RATIO		
		2.73	3.08	3.42
WITH NA5 STANDARD EMISSIONS				
LG4	MM4	—	—	Std
LM1	MX1	—	Std	—
WITH YF5 CALIFORNIA EMISSIONS				
LG4	MM4	—	—	Std
LM1	MX1	Std	G92	—

# CAMARO Z28 SPORT COUPE

REFER WEEKLY STOPS/LATEST UPDATE

## MODEL

1FP87/Z28 Camaro Z28 Sport Coupe  
 Z28 Sport (Incls Sport Susp, HD Cooling,  
 Sport Mir, Rear Spoiler,  
 Instrumentation w/Tachometer, and  
 P225/70 R-15 White Lettered Radial  
 Tires)

EMISSION SYSTEM: MUST ORDER ONE (See Power Teams)

NA5 Standard Emission Equipment

YF5 California Emission Requirements

ENGINES: MUST ORDER ONE

AVAILABLE WITH NA5 STANDARD EMISSION EQUIPMENT

LG4 5.0 Liter 4 BBL V8 (Reqs MM4 Trans)

LM1 5.7 Liter 4 BBL V8 (Reqs MX1 Trans)

AVAILABLE WITH YF5 CALIFORNIA EMISSION REQUIREMENTS

LG4 5.0 Liter 4 BBL V8 (Reqs MM4 Trans)

LM1 5.7 Liter 4 BBL V8 (Reqs MX1 Trans)

## ✓ QUICK-SPEC

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

	Z28	5	5	5	5
Sport	x	x	x	x	x
Air Conditioning	C60	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

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 with Resume Speed (with MX1 Trans only)	K35	x	x
Wheels, Aluminum	N90	x	x
Windows, Power	A31	x	x
W/S Wiper System Intermittent	CD4	x	x

Door Lock System, Power	AU3	x
Horns, Dual	U05	x
Radio, AM/FM Stereo w/Stereo Cassette Tape	UN3	x
Seat Back, Adjustable Driver's	AN6	x

## ✓ PLEASE REVIEW OPTION RESTRICTIONS BEFORE ORDERING

Q-S	OPTION
560	C60
561	G92
561	G80
561	UA1
563	C49
563	AU3
560	B37
560	A01
563	U05
561	Z54
562	TT4
562	TR9
561	B93
560	B80
561	B3W
560	U63
561	U69
562	U58
563	UM2
563	UN3
561	UP6
561	U80
561	U76
561	U75
563	CC1
562	AN6
562	K35
561	N33
561	Z21
560	MM4
562	MX1
562	N90
562	A31
562	CD4

**AIR CONDITIONING**  
**AXLE, REAR:**  
 —Performance Ratio (See Power Teams Chart)  
 (Reqs YF5 Calif Emissions, LM1 Eng, and MX1 Trans)  
 —Limited Slip Differential  
**BATTERY, HEAVY-DUTY**  
**DEFOGGER, REAR WINDOW:** Electric  
**DOOR LOCK SYSTEM, POWER**  
**FLOOR COVERING:** Mats, Color-Keyed Floor. Front and Rear  
**GLASS, TINTED:** All Windows  
**HORNS, DUAL**  
**INTERIOR DECOR/QUIET SOUND GROUP:** (Incl w/Custom Trim)  
**HEADLAMPS, HALOGEN**  
**LIGHTING, AUXILIARY**  
**MOLDINGS:**  
 —Door Edge Guard  
 —Roof Drip (Incl w/Z21 Style Trim)  
**PRELIMINARY PRICE INFORMATION**  
**RADIO, EQUIPMENT:**  
 —AM Radio  
 —AM/FM Radio  
 —AM/FM Stereo Radio  
 —AM/FM Stereo Radio w/8-Track Stereo Tape  
 —AM/FM Stereo Radio w/Stereo Cassette Tape  
 —AM/FM Stereo/Citizens Band Radio w/Power Antenna (N/A U75 Antenna)  
 —Speaker, Rear Seat (Reqs U63 or U69 Radio)  
 —Windshield Antenna (N/A UP6 Radio) (Incl with Above Radio Equip w/o U75 Antenna)  
 —Power Antenna (Reqs U63, U69, U58, UM2 or UN3 Radio) (N/A U76 Antenna)  
**ROOF PANELS:** Removable Glass  
**SEAT BACK, ADJUSTABLE DRIVER'S**  
**SPEED CONTROL WITH RESUME SPEED:**  
 Automatic (Reqs MX1 Trans)  
**STEERING WHEEL:** Comfortilt  
**STYLE TRIM GROUP:** (Incls B80 Mldgs)  
**TRANSMISSIONS:** (See Power Teams Chart)  
 —4-Speed Manual (Reqs LG4 Eng)  
 —Automatic  
**WHEELS, ALUMINUM:** (Refer Page 8 for Wheel Color Application)  
**WINDOWS:** Power  
**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)

Interior Trim Color		Beige	Black	Dark Blue	Red	Silver
MODEL	SEAT TYPE					
1FS87	Custom Vinyl Bucket .....	XUU2		XDD2	XFF2	XQQ2
	Custom Cloth Bucket .....	FUU2	FBB2	FDD2	FFF2	FQQ2
EXTERIOR PAINT COLOR		COLOR CODE				
		L	U			
Black		19	19	R	R	R
Blue, Bright (Met)		20	20		R	R
Blue, Dark (Met)		29	29	R	R	R
Blue, Light (Met)		21	21		R	
Brown, Dark (Met)		67	67	R		
Charcoal (Met)		84	84		R	R
Gold (Met)		54	54	R	R	
Maroon (Met)		77	77	R	R	R
Orange (Met)		57	57	R	R	
Red		75	75	R	R	R
Silver (Met)		16	16		R	R
White		11	11	R	R	R
Yellow, Bright		51	51		R	

L = Lower U = Upper

## STANDARD PIN STRIPE COLORS

Black	19	Gold	Gold		Red	Silver
Blue, Bright (Met)	20		Silver	Silver		Silver
Blue, Dark (Met)	29	Beige		Blue		Silver
Blue, Light (Met)	21		Black	Blue		
Brown, Dark (Met)	67	Gold				
Charcoal (Met)	84		Silver		Red	Silver
Gold (Met)	54	Beige	Black			
Maroon (Met)	77	Gold	Red		Red	Silver
Orange (Met)	57	Gold	Black			
Red	75	Beige	Black		Silver	Silver
Silver (Met)	16		Black	Blue	Red	Black
White	11	Gold	Black	Blue	Red	Silver
Yellow, Bright	51		Black			

## POWER TEAMS

(Refer to next page for option availability and application)

ENGINE OPTION CONDITION		AXLE RATIO		
		2.56	2.73	3.08
WITH NA5 STANDARD EMISSIONS				
LC3	MM3 or MX1	—	Std	—
L39	MX1	Std	—	—
LG4	MM4	Std	—	—
	MX1	Std	—	G92
WITH YF5 CALIFORNIA EMISSIONS				
LD5	MX1	—	Std	—
LG4	MM4	Std	—	—
	MX1	Std	—	G92

# CAMARO BERLINETTA

REFER WEEKLY STOPS/LATEST UPDATE

## MODEL

1FS87 Camaro Berlinetta Coupe

**EMISSION SYSTEM: MUST ORDER ONE (See Power Teams)**

\_\_\_\_\_ NA5 Standard Emission Equipment

\_\_\_\_\_ YF5 California Emission Requirements

**ENGINES: MUST ORDER ONE**

**AVAILABLE WITH NA5 STANDARD EMISSION EQUIPMENT**

\_\_\_\_\_ LC3 3.8 Liter 2 BBL V8  
\_\_\_\_\_ LC39 4.4 Liter 2 BBL V8 (Reqs MX1 Trans)  
\_\_\_\_\_ LG4 5.0 Liter 4 BBL V8

**AVAILABLE WITH YF5 CALIFORNIA EMISSION REQUIREMENTS**

\_\_\_\_\_ LD5 3.8 Liter 2 BBL V6 (Reqs MX1 Trans)  
\_\_\_\_\_ LG4 5.0 Liter 4 BBL V8

## ✓ QUICK-SPEC

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

		5	5	5	5
		4	4	4	4
		3	4	5	6
		A	B	B	A
Air Conditioning	C60	x	x	x	x
Glass, Tinted	A01	x	x	x	x
Moldings, Body Side	B84	x	x	x	x
Radio, AM	U63	x	N/I	N/I	N/I
Steering Wheel, Comfortilt	N33	x	x	x	x
Style Trim Group	Z21	x	x	x	x
Tires, P205/75 R-14 Whitewall	QJY	x	x	x	x
Transmission, Automatic	MX1	x	x	x	x
Defogger, Rear Window Electric	C49	x	x	x	x
Lighting, Auxiliary	TR9	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
Speed Control with Resume Speed (with MX1 Trans only)	K35	x	x	x	x
Windows, Power	A31	x	x	x	x
Door Lock System, Power	AU3	x	x	x	x
Radio, AM/FM Stereo	U58	x	N/I	N/I	N/I
Spoiler, Rear	D80	x	x	x	x
Wheel Cover Locking Package	N18	x	N/I	N/I	N/I
W/S Wiper System, Intermittent	CD4	x	x	x	x
Power Antenna	U75	x	x	x	x
Radio, AM/FM Stereo w/Stereo	UN3	x	x	x	x
Cassette Tape	AN6	x	x	x	x
Seat Back, Adjustable	AN6	x	x	x	x
Wheels, Aluminum	N90	x	x	x	x

✓ PLEASE REVIEW OPTION RESTRICTIONS BEFORE ORDERING

Q-S OPTION

543	C60	AIR CONDITIONING
_____	G92	AXLES, Rear: —Performance Ratio (See Power Teams Chart) (Reqs LG4 Eng and MX1 Trans)
_____	G80	—Limited Slip Differential
_____	UA1	BATTERY, HEAVY-DUTY
_____	V08	COOLING, HEAVY-DUTY
544	C49	DEFOGGER, REAR WINDOW: Electric
545	AU3	DOOR LOCK SYSTEM, POWER
544	B37	FLOOR COVERING: Mats, Color-Keyed Floor. Front and Rear
543	A01	GLASS, TINTED: All Windows
_____	TT4	HEADLAMPS, HALOGEN
544	TR9	LIGHTING, AUXILIARY
_____	B84	MOLDINGS: —Body Side
543	B93	—Door Edge Guard
544	B80	—Roof Drip (Incl w/Z21 Style Trim)
_____	B3W	PRELIMINARY PRICE INFORMATION
543	U63	RADIO EQUIPMENT: —AM Radio
544	U69	—AM/FM Radio
545	U58	—AM/FM Stereo Radio
_____	UM2	—AM/FM Stereo Radio w/8-Track Stereo Tape
546	UN3	—AM/FM Stereo Radio w/Stereo Cassette Tape
_____	UP6	—AM/FM Stereo/Citizens Band Radio w/Power Antenna (N/A U75 Antenna)
544	U80	—Speaker, Rear Seat (Reqs U63 or U69 Radio)
_____	U76	—Windshield Antenna (N/A UP6 Radio) (Incl with above Radio Equip w/o U75 Antenna)
546	U75	—Power Antenna (Reqs U63, U69, U58, UM2 or UN3 Radio) (N/A U76 Antenna)
_____	CC1	ROOF PANELS: Removable Glass
546	AN6	SEAT BACK, ADJUSTABLE DRIVER'S
544	K35	SPEED CONTROL WITH RESUME SPEED: Automatic (Reqs MX1 Trans)
545	D80	SPOILER: Rear
543	N33	STEERING WHEEL: Comfortilt
543	Z21	STYLE TRIM GROUP: (Incls B80 Mldgs)
_____	QJY	TIRES: (W/W: Whitewall, W/L: White Lettered)
_____	QKL	Steel Belted Radial Ply —P205/75 R-14 W/W (Base) —P205/75 R-14 W/L
_____	MM3	TRANSMISSIONS: (See Power Teams Chart)
_____	MM4	—3-Speed Manual (Reqs LC3 Eng)
543	MX1	—4-Speed Manual (Reqs LG4 Eng)
546	N90	—Automatic
_____	N18	WHEELS ALUMINUM: (Refer Page 8 for Wheel Color Application)
545	N18	WHEEL COVER LOCKING PACKAGE: (N/A N90 Wheels)
544	A31	WINDOWS: Power
545	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. Orders for additional combinations may be submitted, provided the dealer orders (D60), as verification that the requested combination is definitely desired.

Interior Trim Color		Beige	Black	Dark Blue	Camel	✓ Red	Silver
MODEL	SEAT TYPE						
IFP87	Vinyl Bucket .....		VBB2	VDD2	VCC2	VFF2	VQQ2
	Custom Vinyl Bucket .....	*XUU2		*XDD2		*XFF2	*XQQ2
	Cloth Bucket .....			CDD2	CCC2		
	Custom Cloth Bucket .....	*FUU2	*FBB2	*FDD2		*FFF2	*FQQ2

\*Reqs D35 Sport Mirror

EXTERIOR PAINT COLOR		COLOR CODE						
		L	U					
Black	19	19		R	R		R	R
Blue, Bright (Met)	20	20			R			R
Blue, Dark (Met)	29	29		R		R		R
Blue, Light (Met)	21	21			R			
Brown, Dark (Met)	67	67		R			R	
Charcoal (Met)	84	84			R		R	R
Gold (Met)	54	54		R	R		R	
Maroon (Met)	77	77		R	R		R	R
Orange (Met)	57	57		R	R		R	
Red	75	75		R	R		R	R
Silver (Met)	16	16			R		R	R
White	11	11		R	R		R	R
Yellow, Bright	51	51			R		A	

L = Lower U = Upper

## POWER TEAMS

(Refer to next page for option availability and application)

ENGINE OPTION CONDITION		AXLE RATIO		
		2.56	2.73	3.08
<b>WITH NA5 STANDARD EMISSIONS</b>				
LC3	MM3 or MX1	—	Std	—
L39	MX1	Std	—	—
LG4	MM4	Std	—	—
	MX1	Std	—	G92
<b>WITH YF5 CALIFORNIA EMISSIONS</b>				
LD5	MX1	—	Std	—
LG4	MM4	Std	—	—
	MX1	Std	—	G92



# CAMARO

REFER WEEKLY STOPS/LATEST UPDATE

## MODEL

1FP87 Camaro Sport Coupe

**EMISSION SYSTEM: MUST ORDER ONE (See Power Teams)**

NA5 Standard Emission Equipment

YF5 California Emission Requirements

**ENGINES: MUST ORDER ONE**

**AVAILABLE WITH NA5 STANDARD EMISSION EQUIPMENT**

LC3 3.8 Liter 2 BBL V6

L39 4.4 Liter 2 BBL V8 (Reqs MX1 Trans)

LG4 5.0 Liter 4 BBL V8

**AVAILABLE WITH YF5 CALIFORNIA EMISSION REQUIREMENTS**

LD5 3.8 Liter 2 BBL V6 (Reqs MX1 Trans)

LG4 5.0 Liter 4 BBL V8

## ✓ QUICK-SPEC

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

		5	5	5	5
		6	6	6	6
		5	6	7	8
		A	A	A	B
Air Conditioning	C60	x	x	x	x
Glass, Tinted	A01	x	x	x	x
Mirrors, Sport LH Remote and RH Manual	D35	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
Tires, P205/75 R-14 Whitewall	QJY	x	x	x	x
Transmission, Automatic	MX1	x	x	x	x
Wheels, Rally	ZJ7	x	x	x	x
Clock, Electric	U35	x	x	x	x
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
Radio, AM/FM	U69	x	N/I	N/I	N/I
Speaker, Rear Seat	U80	x	N/I	N/I	N/I
Steering Wheel, Comfortilt	N33	x	x	x	x
Style Trim Group	Z21	x	x	x	x
Interior Decor/Quiet Sound Group	Z54		x	x	
Lighting, Auxiliary	TR9		x	x	
Moldings, Door Edge Guard	B93		x	x	
Radio, AM/FM Stereo	U58		x	N/I	
Speed Control with Resume Speed (with MX1 Trans only)	K35		x	x	
Windows, Power	A31		x	x	
W/S Wiper System, Intermittent	CD4		x	x	
Door Lock System, Power	AU3			x	
Horns, Dual	U05			x	
Radio, AM/FM Stereo w/Stereo Cassette Tape	UN3			x	
Seat Back, Adjustable Driver's	AN6			x	
Spoiler, Rear	D80			x	

## ✓ PLEASE REVIEW OPTION RESTRICTIONS BEFORE ORDERING

Q-S	OPTION	
565	C60	AIR CONDITIONING
	G92	AXLES, REAR: —Performance Ratio (Reqs LG4 Eng and MX1 Trans)
	G80	—Limited Slip Differential
566	UA1	BATTERY, HEAVY-DUTY
	U35	CLOCK: Electric (Incl w/U14 Inst)
	V08	COOLING, HEAVY-DUTY
566	C49	DEFOGGER, REAR WINDOW: Electric
568	AU3	DOOR LOCK SYSTEM, POWER
566	B37	FLOOR COVERING: Mats, Color-Keyed Floor. Front and Rear
565	A01	GLASS, TINTED: All Windows
568	U05	HORNS, DUAL
	U14	INSTRUMENTATION: Special (Incls U35 Clock)
567	Z54	INTERIOR DECOR/QUIET SOUND GROUP: (Incl w/Custom Trim)
	TT4	HEADLAMPS, HALOGEN
567	TR9	LIGHTING, AUXILIARY
565	D35	MIRRORS: Sport, LH Remote and RH Manual (Req'd w/Custom Trim)
		MOLDINGS:
566	B84	—Body Side
567	B93	—Door Edge Guard
565	B80	—Roof Drip (Incl w/Z21 Style Trim)
	B3W	PRELIMINARY PRICE INFORMATION
		RADIO EQUIPMENT:
565	U63	—AM Radio
566	U69	—AM/FM Radio
567	U58	—AM/FM Stereo Radio
	UM2	—AM/FM Stereo Radio w/8-Track Stereo Tape
568	UN3	—AM/FM Stereo Radio w/Stereo Cassette Tape
	UP6	—AM/FM Stereo/Citizens Band Radio w/Power Antenna (N/A U75 Antenna)
566	U80	—Speaker, Rear Seat (Reqs U63 or U69 Radio)
	U76	—Windshield Antenna (N/A UP6 Radio) (Incl with Above Radio Equip w/o U75 Antenna)
	U75	—Power Antenna (Reqs U63, U69, U58, UM2 or UN3 Radio) (N/A U76 Antenna)
	CC1	ROOF PANELS: Removable Glass
568	AN6	SEAT BACK, ADJUSTABLE DRIVER'S
567	K35	SPEED CONTROL WITH RESUME SPEED: Automatic (Reqs MX1 Trans)
568	D80	SPOILER: Rear
566	N33	STEERING WHEEL: Comfortilt
566	Z21	STYLE TRIM GROUP: (Incls B80 Mldgs)
	F41	SUSPENSION, SPORT
		TIRES: (B/W: Blackwall, W/W: Whitewall, W/L: White Lettered)
		Steel Belted Radial Ply
	QJZ	—P205/75 R-14 B/W (Base)
565	QJY	—P205/75 R-14 W/W
	QKL	—P205/75 R-14 W/L
		TRANSMISSIONS: (See Power Teams Chart)
	MM3	—3-Speed Manual (Reqs LC3 Eng)
	MM4	—4-Speed Manual (Reqs LG4 Eng)
565	MX1	—Automatic
		WHEEL TRIM:
	N90	—Wheels, Aluminum (Refer page 8 for Wheel Color Application)
	P01	—Wheel Covers, Full
	PE1	—Wheels, Custom Styled
565	ZJ7	—Wheels, Rally, Color-Keyed
567	A31	WINDOWS: Power
567	CD4	WINDSHIELD WIPER SYSTEM: Intermittent

# **N90 — ALUMINUM WHEEL COLOR APPLICATIONS**

## **BERLINETTA**

Exterior Paint Color and Code		INTERIOR TRIM					
		Beige	Black	Dark Blue	Camel	Red	Silver
Black	19	Gold	Gold			Black	Black
Blue, Bright (Met)	20		Silver	Silver			Silver
Blue, Dark (Met)	29	Silver		Silver			Silver
Blue, Light (Met)	21		Silver	Silver			
Brown, Dark (Met)	67	Gold					
Charcoal (Met)	84		Silver			Silver	Silver
Gold (Met)	54	Gold	Gold				
Maroon (Met)	77	Gold	Silver			Silver	Silver
Orange (Met)	57	Gold	Gold				
Red	75	Silver	Silver			Silver	Silver
Silver (Met)	16		Silver	Silver		Silver	Silver
White	11	Gold	Silver	Silver		Silver	Silver
Yellow, Bright	51		Black				

## **SPORT COUPE**

Black	19	Black	Black	Black	Black	Black	Black
Blue, Bright (Met)	20	Silver	Silver	Silver	Silver	Silver	Silver
Blue, Dark (Met)	29	Silver	Silver	Silver	Silver	Silver	Silver
Blue, Light (Met)	21	Silver	Silver	Silver	Silver	Silver	Silver
Brown, Dark (Met)	67	Gold	Gold	Gold	Gold	Gold	Gold
Charcoal (Met)	84	Silver	Silver	Silver	Silver	Silver	Silver
Gold (Met)	54	Gold	Gold	Gold	Gold	Gold	Gold
Maroon (Met)	77	Silver	Silver	Silver	Silver	Silver	Silver
Orange (Met)	57	Gold	Gold	Gold	Gold	Gold	Gold
Red	75	Silver	Silver	Silver	Silver	Silver	Silver
Silver (Met)	16	Silver	Silver	Silver	Silver	Silver	Silver
White	11	Silver	Silver	Silver	Silver	Silver	Silver
Yellow, Bright	51	Black	Black	Black	Black	Black	Black

## **Z28**

Black	19	Gold	Silver		Gold	Silver	Silver
Blue, Bright (Met)	20		Silver	Silver			Silver
Blue, Dark (Met)	29	Gold		Silver	Gold		Silver
Blue, Light (Met)	21		Silver	Silver			
Brown, Dark (Met)	67	Gold			Gold		
Charcoal (Met)	84		Silver			Silver	Silver
Gold (Met)	54	Gold	Gold		Gold		
Maroon (Met)	77	Gold	Silver		Gold	Silver	Silver
Orange (Met)	57	Gold	Gold		Gold		
Red	75	Gold	Gold		Gold	Gold	Silver
Silver (Met)	16		Silver	Silver		Silver	Silver
White	11	Gold	Silver	Silver	Gold	Silver	Silver
Yellow, Bright	51		Gold				

L = Lower U = Upper

# CAMARO

## 1981 VEHICLES WITH STANDARD EQUIPMENT

Prices shown are effective with vehicles produced on or after April 13, 1981

Description	Model Number	Body Code	Wheel Base	Dealer Invoice Amount*	Dealer Price	Factory D&H(a)	List Price	Mfr's Suggested Retail Price★	Group Number
♦ <b>6-Cylinder Engine</b>									
Sport Coupe.....	1FP87	—	108"	6067.60	5860.75	11.23	6895.00	6906.23	6
Berlinetta Coupe.....	1FS87	—	108"	6863.12	6629.15	11.23	7799.00	7810.23	6
♦ <b>8-Cylinder Engine</b>									
Z28 Sport Coupe.....	1FP87	Z28	108"	7426.32	7173.15	13.23	8439.00	8452.23	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 or after April 13, 1981

Description	Option Number	Dealer Invoice Amount*	Dealer Price	Factory D&H(a)	List Price	Mfr's Suggested Retail Price◇
<b>REFER TO DEALER ORDER GUIDE FOR OPTION AVAILABILITY AND APPLICATION</b>						
<b>Interior Trim:</b>						
V**2 Vinyl Bucket Seats.....				NO ADDITIONAL CHARGE		
C**2 Cloth Bucket Seats.....		23.80	22.96	N.A.	28.00	28.00
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.....		273.70	264.04	N.A.	322.00	322.00
F**2 Custom Cloth Bucket						
Berlinetta Coupe.....		23.80	22.96	N.A.	28.00	28.00
Sport Coupes.....		297.50	287.00	N.A.	350.00	350.00
<b>Exterior Color: Paint, Solid</b> .....				NO ADDITIONAL CHARGE		
<b>Engines:</b> (Refer to Dealer Order Guide for Emission System Requirements)						
3.8 Liter 2 BBL V6.....	LC3			NO ADDITIONAL CHARGE		
3.8 Liter 2 BBL V6.....	LD5			NO ADDITIONAL CHARGE		
5.0 Liter 4 BBL V8						
Sport Coupe or Berlinetta Coupe.....	LG4	42.50	41.00	N.A.	50.00	50.00
Z28 Sport Coupe.....	LG4			NO ADDITIONAL CHARGE		
5.7 Liter 4 BBL V8						
Z28 Sport Coupe.....	LM1			NO ADDITIONAL CHARGE		
4.4 Liter 2 BBL V8.....	L39	42.50	41.00	N.A.	50.00	50.00
<b>Air Conditioning</b> .....	C60	510.00	492.00	N.A.	600.00	600.00
<b>Axles, Rear:</b>						
Performance Ratio.....	G92	17.00	16.40	N.A.	20.00	20.00
Limited Slip Differential.....	G80	60.35	58.22	N.A.	71.00	71.00
<b>Battery, Heavy-Duty</b> .....	UA1	18.70	18.04	N.A.	22.00	22.00
<b>Clock: Electric.</b> Standard on Berlinetta Coupe and Z28 Sport Coupe. Included with U14 Gage Package with Tachometer.	U35	21.25	20.50	N.A.	25.00	25.00
<b>Cooling, Heavy-Duty:</b> Standard on Z28 Sport Coupe.						
Without C60 Air Conditioning.....	V08	55.25	53.30	N.A.	65.00	65.00
With C60 Air Conditioning.....	V08	31.45	30.34	N.A.	37.00	37.00
<b>Defogger, Rear Window: Electric</b> .....	C49	97.75	94.30	N.A.	115.00	115.00
<b>Door Lock System, Power: Electric</b> .....	AU3	84.15	81.18	N.A.	99.00	99.00
<b>Emission Systems:</b>						
California Emission Requirements. Includes all testing, equipment and /or certification necessary for registration in the State of California.....	YF5	39.10	37.72	N.A.	46.00	46.00
Standard Emission Equipment.....	NA5			NO ADDITIONAL CHARGE		
<b>Floor Covering: Mats, Color-Keyed Floor.</b> 2 Front and 2 Rear.....						
	B37	21.25	20.50	N.A.	25.00	25.00
<b>Glass, Tinted: All Windows</b> .....	A01	69.70	67.24	N.A.	82.00	82.00

\* Dealer Invoice Amount includes 3% Holdback Amount retained for dealer's account.

(a) D & H Charges on vehicle and optional equipment include reimbursement to Chevrolet Motor Division for any tax that it has paid, incurred or agreed to pay thereon.

◇ State and local taxes not included.

# CAMARO

## OPTIONS AND ACCESSORIES WHEN INSTALLED BY CHEVROLET

Prices shown are effective with vehicles produced on or after April 13, 1981

Description	Option Number	Dealer Invoice Amount*	Dealer Price	Factory D&H(a)	List Price	Mfr's Suggested Retail Price◇
REFER TO DEALER ORDER GUIDE FOR OPTION AVAILABILITY AND APPLICATION						
<b>Headlamps, Halogen</b> .....	TT4	32.30	31.16	N.A.	38.00	38.00
<b>Horns, Dual:</b> Standard on Berlinetta Coupe.....	U05	9.35	9.02	N.A.	11.00	11.00
<b>Instrumentation:</b> <i>Special.</i> Standard on Berlinetta Coupe or Z28 Sport Coupe. Includes tachometer, voltmeter and temperature gages. Includes U35 clock.....	U14	106.25	102.50	N.A.	125.00	125.00
<b>Interior Decor /Quiet Sound Group:</b> 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	60.35	58.22	N.A.	71.00	71.00
<b>Lighting, Auxiliary:</b> 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. Sport Coupe with Z54 Interior Decor /Quiet Sound Group. Custom Trim or Berlinetta Coupe.....	TR9	34.85	33.62	N.A.	41.00	41.00
	TR9	29.75	28.70	N.A.	35.00	35.00
<b>Mirrors:</b> <i>Sport, LH Remote and RH Manual.</i> Standard on Berlinetta Coupe and Z28 Sport Coupe.....	D35	43.35	41.82	N.A.	51.00	51.00
<b>Moldings:</b> <i>Body Side.</i> Includes black vinyl insert.....	B84	37.40	36.08	N.A.	44.00	44.00
<i>Door Edge Guard</i> .....	B93	11.90	11.48	N.A.	14.00	14.00
<i>Roof Drip.</i> Included with Z21 Style Trim.....	B80	22.95	22.14	N.A.	27.00	27.00
<b>Preliminary Price Information</b> .....	B3W	40	40	N.A.	N.A.	N.A.
<b>Radio Equipment:</b> <i>AM Radio</i> .....	U63	76.50	73.80	N.A.	90.00	90.00
<i>AM /FM Radio</i> .....	U69	120.70	116.44	N.A.	142.00	142.00
<i>AM /FM Stereo Radio</i> .....	U58	151.30	145.96	N.A.	178.00	178.00
<i>AM /FM Stereo Radio with 8-Track Stereo Tape</i> .....	UM2	214.20	206.64	N.A.	252.00	252.00
<i>AM /FM Stereo Radio with Stereo Cassette Tape</i> .....	UN3	224.40	216.48	N.A.	264.00	264.00
<i>AM /FM Stereo /Citizens Band Radio with Power Antenna</i> .....	UP6	416.50	401.80	N.A.	490.00	490.00
<i>Speaker, Rear Seat</i> .....	U80	17.00	16.40	N.A.	20.00	20.00
<i>Windshield Antenna.</i> Included with radio.....	U76	22.95	22.14	N.A.	27.00	27.00
<i>Power Antenna</i> .....	U75	42.50	41.00	N.A.	50.00	50.00
<b>Roof Panels:</b> <i>Removable Glass.</i> .....	CC1	626.45	604.34	N.A.	737.00	737.00
<b>Seat Back, Adjustable Driver's</b> .....	AN6	21.25	20.50	N.A.	25.00	25.00
<b>Speed Control:</b> <i>Automatic with Resume Speed</i> .....	K35	123.25	118.90	N.A.	145.00	145.00
<b>Spoiler:</b> <i>Rear.</i> Standard on Z28 Sport Coupe.....	D80	54.40	52.48	N.A.	64.00	64.00
<b>Steering Wheel:</b> <i>Comfortilt.</i> .....	N33	74.80	72.16	N.A.	88.00	88.00
<b>Style Trim Group:</b> Includes B80 Bright Roof Drip Moldings, lock pillar, upper fender, hood panel and belt moldings plus colored insert door handles and bright accented parking lights.....	Z21	68.85	66.42	N.A.	81.00	81.00
<b>Suspension:</b> <i>Sport.</i> Standard on Z28 Sport Coupe. Includes larger diameter front stabilizer bar, added rear stabilizer bar and special front and rear shock absorbers.....	F41	39.10	37.72	N.A.	46.00	46.00
<b>Tires:</b> <i>P205 /75 R-14 Steel Belted Radial Ply Blackwall.</i> (Standard except on Berlinetta and Z28 Sport Coupe.).....	QJZ			NO ADDITIONAL CHARGE		
<i>P205 /75 R-14 Steel Belted Radial Ply Whitewall</i> Without Berlinetta Coupe.....	QJY	49.30	47.56	N.C.	58.00	58.00
With Berlinetta Coupe (Standard).....	QJY			NO ADDITIONAL CHARGE		
<i>P205 /75 R-14 Steel Belted Radial Ply White Lettered</i> Without Berlinetta Coupe.....	QKL	62.90	60.68	N.C.	74.00	74.00
With Berlinetta Coupe.....	QKL	13.60	13.12	N.C.	16.00	16.00
<i>P225 /70-R-15 Steel Belted Radial Ply White Lettered</i> (Standard on Z28).....	QGR			NO ADDITIONAL CHARGE		

\* Dealer Invoice Amount includes 3% Holdback Amount retained for dealer's account.

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# CAMARO

## OPTIONS AND ACCESSORIES WHEN INSTALLED BY CHEVROLET

Prices shown are effective with vehicles produced on or after April 13, 1981

Description	Option Number	Dealer Invoice Amount*	Dealer Price	Factory D&H(a)	List Price	Mfr's Suggested Retail Price◇
REFER TO DEALER ORDER GUIDE FOR OPTION AVAILABILITY AND APPLICATION						
<b>Transmissions:</b>						
3-Speed Manual.....	MM3					
4-Speed Manual						
Sport Coupe or Berlinetta Coupe.....	MM4	126.65	122.18	N.A.	149.00	149.00
Z28 Coupe.....	MM4					
Automatic						
Z28 Sport Coupe.....	MX1	56.10	54.12	N.A.	66.00	66.00
Sport Coupe or Berlinetta Coupe.....	MX1	314.50	303.40	N.A.	370.00	370.00
<b>Wheel Trim:</b>						
Wheel Covers, Full.....	P01	41.65	40.18	N.A.	49.00	49.00
Wheels, Aluminum						
Berlinetta Coupe.....	N90	162.35	156.62	N.A.	191.00	191.00
Sport Coupe.....	N90	298.35	287.82	N.A.	351.00	351.00
Z28 Sport Coupe.....	N90	232.05	223.86	N.A.	273.00	273.00
Wheels, Rally, Color-Keyed. Includes styled wheels, special hub caps and trim rings.....	ZJ7	89.25	86.10	N.A.	105.00	105.00
Wheels, Custom Styled. 14" x 7".....	PE1	136.00	131.20	N.A.	160.00	160.00
<b>Wheel Cover Locking Package.</b> 1FS87 only.....	N18	30.60	29.52	N.A.	36.00	36.00
<b>Windows, Power: Electric</b> .....	A31	129.20	124.64	N.A.	152.00	152.00
<b>Windshield Wiper System: Intermittent</b> .....	CD4	37.40	36.08	N.A.	44.00	44.00

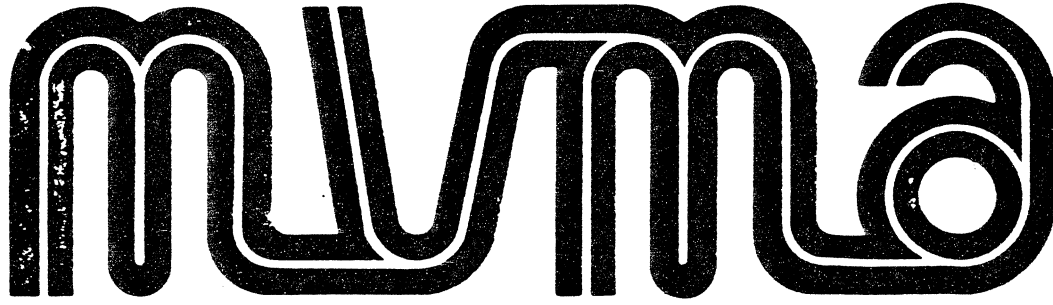
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◇ State and local taxes not included.

# NOTES

ORIGINAL COPY



**Specifications  
Form  
Passenger Car**

**1981**

**METRIC (U.S. Customary)**

<b>Manufacturer</b> CHEVROLET MOTOR DIVISION GENERAL MOTORS CORPORATION	<b>Car Line</b> CAMARO	
<b>Mailing Address</b> CHEVROLET ENGINEERING CENTER 30003 VAN DYKE WARREN, MICHIGAN 48090	<b>Model Year</b> 1981	<b>Issued:</b> SEPTEMBER, 1980 <b>Revised (*)</b>

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

The General Specifications herein are those in effect at date of compilation and are subject to change without notice by the manufacturer.

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

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**NOTE:**

1. This form uses both SI metric units and U.S. Customary units. The Metric unit of measurement is presented first, and the U.S. Customary unit follows in parentheses.
2. **UNLESS OTHERWISE INDICATED:**
  - a. Specifications apply to standard models without optional equipment. Significant deviations are noted.
  - b. Nominal design dimensions are used throughout these specifications.
  - c. All linear dimensions are in millimeters (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**  
**METRIC (U.S. Customary)**

Car Line CAMARO  
 Model Year 1981 Issued 9-80 Revised (•) \_\_\_\_\_

**Car Models**

Model Description (Include Line Drawings of Vehicles, if Desired)	Make, Car line, Series, Body Type (Mfr's Model Code)	No. of Designated Seating Positions (Front/Rear)		Max. Trunk/Cargo Load — Kilograms (Pounds)
<u>CAMARO</u>	<u>MODEL NUMBER</u>	<u>FRONT</u>	<u>REAR</u>	
<u>STANDARD</u> 2-DOOR SPORT COUPE	1FP87	2	2	
<u>BERLINETTA</u> 2-DOOR SPORT COUPE	1FS87	2	2	
<p>NOTE: ANY SPECIFICATIONS ON THE FOLLOWING PAGE THAT ARE SPECIFIC TO            CALIFORNIA REQUIREMENTS ARE INDICATED ACCORDINGLY.</p>				

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

Car Line CAMARO  
 Model Year 1981 Issued 9-80 Revised (\*) \_\_\_\_\_

**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 (b) AVAILABILITY	ENGINE						TRANSMISSION	AXLE RATIO	
	Displ. liters (in <sup>3</sup> )	Carb. (Barrels)	Compr. Ratio	SAE Net at RPM		Exhaust System*		(c) (Std. first) (Indicate A/C ratio)	
				kW (bhp)	Torque N·m (lb. ft.)			BASE	OPT.
BASE-ALL EXC. CALIF.	V-6 3.8 (229) (LC3)	2	8.6:1	110 @ 4200	170 @ 2000		MAN. 3-SPD. (3.50 LOW) - BASE AUTO '250c'-AVAIL	2.73:1	--
BASE-CALIF. ONLY	V-6 3.8 (231) (LD5)	2	8.0:1	110 @ 3800	190 @ 1600	S	AUTO '350c'-AVAIL	2.73:1	--
AVAIL-ALL EXC. CALIF.	V-8 4.4 (267) (L39)	2	8.3:1	115 @ 4000	200 @ 2400	S	AUTO '350c'-AVAIL	2.56:1	--
AVAIL-ALL STATES	V-8 5.0 (305) (LG4)	4	8.6:1	150 @ 3800	240 @ 2400	S	MAN. 4-SPD. (3.42 LOW) - AVAIL AUTO '350c'-AVAIL	2.56:1	-- 3.08:1
BASE-ALL STATES WITH RPO Z28				165 @ 4000	245 @ 2400		MAN. 4-SPD (3.42 LOW) - BASE	3.42:1	--
BASE-ALL STATES WITH RPO Z28	V-8 5.7 (350) (LM1)	4	8.2:1	175 @ 4000	275 @ 2400	D	AUTO '350c'-AVAIL	3.08:1 2.73:1	-- 3.08:1
(e) MANUFACTURING OPTION. (b) 'BASE' AND 'AVAILABLE' REFER TO ENGINE AVAILABILITY. (c) LIMITED SLIP DIFFERENTIAL & A/C AVAILABLE WITH ALL AXLE RATIOS.									

\*S — Single D — Dual

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

Car Line CAMARO  
 Model Year 1981 Issued 9-80 Revised (\*) \_\_\_\_\_

Engine Description/Carb.  
 Engine Code

3.8 LITER V6(229 CID) 2-BBL CARBURETOR	4.4 LITER V8(267 CID) 2-BBL CARBURETOR	5.0 LITER V8(305 CID) 4-BBL CARBURETOR
RPO LC3	RPO L39	RPO LG4

**Engine — General**

Type (inline, V and Angle, Flat)		90° 'V'		
Location (Front, Mid, Rear)		FRONT		
Engine installation position (transverse, longitudinal)		LONGITUDINAL		
Number of mtg. points	Front	TWO		
	Rear	ONE		
No. of cylinders		6	8	
Bore		95 (3.736)	88.9 (3.50)	95 (3.736)
Stroke		88.4 (3.48)		
Piston Displacement cm <sup>3</sup> (in <sup>3</sup> )		3753 (229)	4375 (267)	4998 (305)
Bore Spacing (C/L to C/L)		111.8 (4.40)		
Cylinder Block Material		CAST ALLOY IRON		
Cylinder block deck height		229.2 (9.025)	229.4 (9.03)	
Deck clearance (minimum) (above or below block)		.025 BELOW		
Cylinder Head Material		CAST ALLOY IRON		
Cylinder Head Volume — cm <sup>3</sup>		58.9	51.8	58.9
Head Gasket Thickness (Compressed)		.021		
Head Gasket Volume — cm <sup>3</sup>		3.98	3.61	3.98
Minimum Combustion Chamber Volume — cm <sup>3</sup>		56.7	49.6	56.7
Cyl. No. system (front to rear)**	L Bank	1-3-5	1-3-5-7	
	R. Bank	2-4-6	2-4-6-8	
Firing Order		1-6-5-4-3-2	1-8-4-3-6-5-7-2	
Recommended fuel (Leaded, unleaded)		UNLEADED		
Fuel antiknock index (R + M) 2		87		
Total dressed engine mass (wt) dry *		205.6(453.2)	253.5(559)	274.3(605)

**Engine — Pistons**

Material	CAST ALUMINUM ALLOY		
Description and finish (Flat, dished, dome, etc.)	CLOSED SKIRT, SUMP HEAD		
Mass, g (weight, oz.) — Piston Only	502(17.71)	444(15.66)	508(17.92)
Clearance (limits)	Top land	.622-.851 (.0245-.0335)	
	Skirt	Top	.018-.107 (.0007-.0042)
		Bottom	
Ring groove diameter	No. 1 ring	84.33-84.71 (3.320-3.335)	
	No. 2 ring	84.33-84.71 (3.320-3.335)	
	No. 3. ring	83.82-84.20 (3.300-3.315)	

\*Dressed engine mass (weight) includes the following: FRONT OF ENGINE FAN TO REAR OF ENGINE BLOCK -  
 INCLUDES ENGINE MOUNTS AND ACCELERATOR CONTROLS.

\*\* Rear of engine — drive takeoff.  
 View from drive takeoff end to determine left & right side of engine.

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

Car Line **CAMARO**  
 Model Year **1981** Issued **9-80** Revised (\*)

Engine Description/Carb.  
 Engine Code

3.8 LITER V-6 (231 CID) 2-BBL CARBURETOR RPO LD5	5.7 LITER V-8 (350 CID) 4-BBL CARBURETOR RPO LM1
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**Engine — General**

Type (inline, V and Angle, Flat)	90° 'V'	
Location (Front, Mid, Rear)	FRONT	
Engine installation position (transverse, longitudinal)	LONGITUDINAL	
Number of mtg. points	Front	TWO
	Rear	ONE
No. of cylinders	6	8
Bore	96.5 (3.80)	101.6 (4.00)
Stroke	86.4 (3.40)	88.4 (3.48)
Piston Displacement cm <sup>3</sup> (in <sup>3</sup> )	3785 (231)	5735 (350)
Bore Spacing (C/L to C/L)	107.7 (4.24)	111.8 (4.40)
Cylinder Block Material	CAST ALLOY IRON	
Cylinder block deck height	242.8 (9.56)	229.4 (9.03)
Deck clearance (minimum) (above or below block)	1.91 BELOW	.025 BELOW
Cylinder Head Material	CAST ALLOY IRON	
Cylinder Head Volume — cm <sup>3</sup>	48.19	75.47
Head Gasket Thickness (Compressed)	0.533	0.021
Head Gasket Volume — cm <sup>3</sup>	3.93	4.60
Minimum Combustion Chamber Volume — cm <sup>3</sup>	87.65	73.27
Cyl. No. system (front to rear)**	L Bank	1-3-5
	R. Bank	2-4-6
Firing Order	1-6-5-4-3-2	1-8-4-3-6-5-7-2
Recommended fuel (Leaded, unleaded)	UNLEADED	
Fuel antiknock index (R + M) 2	87	
Total dressed engine mass (wt) dry *	207.3 (457)	274.7 (606)

**Engine — Pistons**

Material	CAST ALUMINUM ALLOY	
Description and finish (Flat, dished, dome, etc.)	FULL SKIRT WITH TRANSVERSE SLOT, DISHED HEAD	CLOSED SKIRT, SUMP HEAD
Mass, g (weight, oz.) — Piston Only	508 (17.92)	604 (21.31)
Clearance (limits)	Top land	1.19-1.32 (.047-.052)
	Skirt	Top .597-.825 (.0235-.0325)
		Bottom .018-.043 (.0007-.0017)
Ring groove diameter	No. 1 ring	86.10-85.73 (3.390-3.375)
	No. 2 ring	86.10-85.73 (3.390-3.375)
	No. 3 ring	86.26-85.93 (3.396-3.383)

\* Dressed engine mass (weight) includes the following

\*\* Rear of engine — drive takeoff

View from drive takeoff end to determine left & right side of engine.

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

Car Line CAMARO  
 Model Year 1981 Issued 9-80 Revised (•) \_\_\_\_\_

Engine Description/Carb.  
 Engine Code

3.8 LITER V6(229 CID) 2-BBL CARBURETOR RPO LC3	4.4 LITER V8(267 CID) 2-BBL CARBURETOR RPO L39	5.0 LITER V8(305 CID) 4-BBL CARBURETOR RPO LG4
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**Engine — Piston Rings**

Function (top to bottom)	No. 1. oil or comp.	COMPRESSION	
	No. 2. oil or comp.	COMPRESSION	
	No. 3. oil or comp.	OIL	
Compression	Description — UPPER	(A)	CAST ALLOY IRON, RADIUS FACE, CHROME FLASH
	Material, coating, etc.	LOWER (B)	CAST ALLOY IRON, REVERSE TWIST, TAPERED FACE, LUBRICATED
	Width	1.96-1.98 (.0770-.0780)	
	Gap	0.25-0.51 (.010-.020) (C)	
Oil	Description — material, coating, etc.	TRW 'T' FLEX DESIGN, .002" MINIMUM CHROME	
	Width	4.52-4.62 (.178-.182)	
	Gap	0.25-0.89 (.010-.035)	
Expanders		IN OIL RING ASSEMBLY	

**Engine — Piston Pins**

Material	SAE-1018		
Length	75.95-76.45 (2.990-3.010)		
Diameter	23.546-23.553 (.9270-.9273)		
Type	Locked in rod, in piston, floating, etc.		LOCKED IN ROD
	Bushing	In rod or piston	---
		Material	---
Clearance	In piston	.0013-.0075 (.00005-.00030)	.0063-.0089 (.00025-.00035)
	In rod		
Direction & amount offset in piston		MAJOR THRUST SIDE - 1.52 (.060)	

**Engine — Connecting Rods**

Material	1037 OR 1038 STEEL		
Mass, g (weight, oz.)	388 (13.69)		
Length (center to center)	144.8 (5.70)		
Bearing	Material & Type		PREMIUM ALUMINUM
	Overall length	16.97 (.668)	20.24 (.797)
	Clearance (limits)	0.25-0.63 (.0010-.0025)	.033-.089 (.0013-.0035)
	End Play	.15-.38 (.006-.015)	.15-.41 (.006-.016)

- (A) MOLYBDENUM FILLED CHANNEL, BARREL FACE.  
 (B) INSIDE BEVEL, REVERSE TAPERED FACE, PHOSPHATE COATED.  
 (C) LOWER-3.8 & 4.4 LITER - 0.25-0.64 (.010-.025); 5.0 LITER - 0.33-0.63 (.013-.025)

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

Car Line CAMARO  
 Model Year 1981 Issued 9-80 Revised (#)

Engine Description/Carb  
 Engine Code

3.8 LITER V-6 (231 CID) 2-BBL CARBURETOR	5.7 LITER V-8 (350 CID) 4-BBL CARBURETOR
RPO LD5	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.	(A)	(B)
	Width	1.956-1.981 (.0770-.0780)	1.96-1.98 (.0770-.0780)
	Gap	0.25-0.51 (.010-.020)	0.25-0.51 (.010-.020) (C)
Oil	Description — material, coating, etc.		
	Width	5.97-6.22 (.0235-.0245)	4.52-4.62 (.178-.182)
	Gap	0.38-1.40 (.015-.055)	0.25-0.89 (.010-.035)
Expanders		IN OIL RING ASSEMBLY	

**Engine — Piston Pins**

Material		SAE-1018	
Length		73.66(2.90)	75.95-76.45(2.990-3.010)
Diameter		23.853-23.860(.9391-.9394)	23.546-23.553(.9270-.9273)
Type	Locked in rod, in piston, floating, etc		
	PRESSED IN ROD		LOCKED IN ROD
	Bushing	In rod or piston	---
	Material		---
Clearance	In piston	.008-.023 (.0003-.0009)	.0063-.0089 (.00025-.00035)
	In rod	.018-.043 (.0007-.0017)	---
Direction & amount offset in piston		MAJOR THRUST SIDE - 1.02	MAJOR THRUST SIDE - 1.52
Engine — Connecting Rods		(.040)	(.060)

**Engine — Connecting Rods**

Material	CAST ALUM. STEEL		1037 OR 1038 STEEL
Mass, g (weight, oz.)	454 (16.01)		388 (13.69)
Length (center to center)	151.4 (5.96)		144.8 (5.70)
Bearing	Material & Type	PREMIUM ALUMINUM	
	Overall length	16.61 (.654)	20.24 (.797)
	Clearance (limits)	.013-.066 (.0005-.0026)	.033-.089 (.0013-.0035)
	End Play	.15-.58 (.006-.023)	.15-.41 (.006-.016)

- (A) UPPER - MOLYBDENUM FILLED CHANNEL, BARREL FACED.  
 LOWER - INSIDE BEVEL, REVERSE TAPERED FACE, PHOSPHATE COATED.
- (B) UPPER - RADIUS FACE, CHROME FLASH.  
 LOWER - REVERSE TWIST, TAPERED FACE, LUBRITED
- (C) UPPER; LOWER - 0.33 - 0.63 (.013-.025)

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

Car Line CAMARO  
 Model Year 1981 Issued 9-80 Revised (•) \_\_\_\_\_

Engine Description/Carb.  
 Engine Code

3.8 LITER V6(229 CID) 2-BBL CARBURETOR RPO LC3	4.4 LITER V8 (267 CID) 2-BBL CARBURETOR RPO L39	5.0 LITER V8(305 CID) 4-BBL CARBURETOR RPO LG4
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**Engine — Crankshaft**

Material	NODULAR CAST IRON	
Vibration damper type	RUBBER MOUNTED INERTIA	
End thrust taken by bearing (No.)	4	5
Crankshaft end play	.051-.152(.002-.006)	.051-.178(.002-.007)
Main bearing	Material & type	#1-G66 CONECC; #2,3,4 - M400
	Clearance	(A)
	Journal dia. and bearing overall length	No. 1 62.202 x 20.37 (2.4489 x .802)
		No. 2 62.194 x 20.37 (2.4486 x .802)
		No. 3 62.194 x 20.37 (2.4486 x .802)
		No. 4 62.189 x 38.94
		No. 5 62.194 x 20.37 (2.4486 x .802)
		No. 6 62.189 x 38.94 (2.4484 x 1.533)
		No. 7 ---
	Dir. & amt. cyl. offset	
	No. bolts/main brg. cap	2
Crankpin journal diameter	53.284-53.335 (2.0978-2.0998)	53.31-53.34 (2.099-2.100)

**Engine — Camshaft**

Location	IN BLOCK ABOVE CRANKSHAFT	
Material	CAST ALLOY IRON	
Bearings	Material	STEEL BACKED BABBITT
	Number	4 5
Type of Drive	Gear, chain or belt	CHAIN
	Crankshaft gear or sprocket material	STEEL SINTERED IRON
	Camshaft gear or sprocket material	CAST IRON ALUMINUM NYLON
	No. of links	46
	Timing chain	
	Chain or Belt	Width 15.87 (.625)
		Pitch 12.7 (.500)

(A) FRONT - .020-.051 (.0008-.0020)  
 INTERMEDIATE - .028-.058 (.0011-.0023)  
 REAR - .043-.081 (.0017-.0032)

# MVMA Specifications Form

Passenger Car  
METRIC (U.S. Customary)

Car Name CAMARO  
Model Year 1981 Issued 9-80 Revised (•) \_\_\_\_\_

Engine Description/Carb.  
Engine Code

3.8 LITER V-6 (231 CID) 2-BBL CARBURETOR RPO LD5	5.7 LITER V-8 (350 CID) 4-BBL CARBURETOR RPO LM1
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## Engine — Crankshaft

Material	MODULAR CAST IRON	
Vibration damper type	RUBBER MOUNTED INERTIA	
End thrust taken by bearing (No.)	2	5
Crankshaft end play	.08-.28 (.003-.011)	.051-.178 (.002-.007)
Main bearing	Material & type	#1 UPPER-M400 CONECC; #1 LOWER - M100 CONECC #2,3-M400 (a) #5 UPPER-M100 #5 LOWER-M400
	Clearance	.008-.046 (.0003-.0018) (B)
	Journal dia. and bearing overall length	No. 1 63.39 x 21.95 (2.4955 x 0.864) 62.202 x 20.37 (2.4489 x .802)
		No. 2 63.39 x 26.85 (2.4955 x 1.057) 62.194 x 20.37 (2.4486 x .802)
		No. 3 63.39 x 21.95 (2.4955 x 0.864) 62.194 x 20.37 (2.4486 x .802)
		No. 4 63.39 x 21.95 (2.4955 x 0.864) 62.194 x 20.37 (2.4486 x .802)
		No. 5 --- 62.189 x 38.94 (2.4484 x 1.533)
		No. 6 --- ---
		No. 7 --- ---
	Dir. & amt cyl offset	
	No bolts/main brg. cap	2
Crankpin journal diameter	57.12-57.14 (2.2487-2.2495)	53.31-53.34 (2.099-2.100)

## Engine — Camshaft

Location	IN BLOCK ABOVE CRANKSHAFT	
Material	CAST ALLOY IRON	
Bearings	Material	STEEL BACKED BABBITT
	Number	4 5
Type of Drive	Gear, chain or belt	CHAIN
	Crankshaft gear or sprocket material	SINTERED IRON
	Camshaft gear or sprocket material	ALUMINUM NYLON
	No. of links	54 46
	Timing chain	
	Chain or Belt	Width 22.23 (.875) 15.87 (.625)
		Pitch 9.53 (.375) 12.7 (.500)

(A) #4 - M100.

(B) FRONT - 0.020-0.051 (.0008-.0020)  
INTER. - 0.028-0.058 (.0011-.0023)  
REAR - 0.043-0.081 (.0017-.0032)



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

Car Line CAMARO  
 Model Year 1981 Issued 9-80 Revised (\*)

Engine Description/Carb.  
 Engine Code

3.8 LITER V6(229 CID) 2-BBL CARBURETOR RPO LC3	4.4 LITER V8(267 CID) 2-BBL CARBURETOR RPO L39	5.0 LITER V8(305 CID) 4-BBL CARBURETOR RPO LG4
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**Engine — Valve System**

Hydraulic lifters (Std., opt., NA)			STANDARD		
Valve rotator, type (intake, exhaust)			EXHAUST		
Push rods (dia., length, material)			7.9 x 196.2 (.3125 x 7.724) WELDED STEEL TUBING		
Rocker ratio			1.50:1		
Operating tappet clearance (indicate hot or cold)	Intake	ZERO			
	Exhaust	ZERO			
Timing (based on top of ramp points)	Intake	Opens (*BTC)	42	44	
		Closes (*ABC)	78	76	
		Duration (deg.)	300	300	
	Exhaust	Opens (*BBC)	78	78	
		Closes (*ATC)	52	52	
		Duration (deg.)	310	310	
	Valve open overlap (deg.)		94	96	
Intake Valve	Material		SAE-1541 or 1547 (A)	SAE-1541-H STEEL (A)	21-2N STEEL (C)
	Overall length		124.52-125.03 (4.9024-4.9224)		
	Actual overall head dia.		46.7 (1.84)	43.7 (1.72)	46.7 (1.84)
	Angle of seat & face (deg.)		46, 45		
	Seat insert material		NONE		
	Stem diameter		8.661-8.679 (.3410-.3417)		
	Stem to guide clearance		.025-.069 (.0010-.0027)		
	Lift (at zero lash)		9.47 (.373)	9.07 (.357)	
	Outer Spring press. & length	Valve closed — N at mm (lb. at in.)	338-374 @ 43.2 (76-84 @ 1.70)		
		Valve open — N at mm (lb. at in.)	778 @ 31.7 (175 @ 1.25)		
	Inner spring press. & length	Valve closed — N at mm (lb. at in.)	SPRING DAMPER		
		Valve open — N at mm (lb. at in.)	SPRING DAMPER		
Exhaust Valve	Material		21-2N STEEL, CHROME FLASH STEM		
	Overall length		124.71-125.02 (4.910-4.930)		
	Actual overall head dia.		38.1 (1.50)	35.1 (1.38)	38.1 (1.50)
	Angle of seat & face (deg.)		46, 45		
	Seat insert material		NONE		
	Stem diameter		8.661-8.679 (.3410-.3417)		
	Stem to guide clearance		.025-.069 (.0010-.0027)		
	Lift (at zero lash)		10.4 (.4100)	9.91 (.3900)	
	Outer spring press. & length	Valve closed — N at mm (lb. at in.)	338-374 @ 43.2 (76-84 @ 1.70)		
		Valve open — N at mm (lb. at in.)	845 @ 31.7 (190 @ 1.25)	818 @ 31.7 (184 @ 1.25)	
	Inner spring press. & length	Valve closed — N at mm (lb. at in.)	SPRING DAMPER		
		Valve open — N at mm (lb. at in.)	SPRING DAMPER		

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

Car Line CAMARO  
 Model Year 1981 Issued 9-80 Revised (a) \_\_\_\_\_

Engine Description/Carb.  
 Engine Code

3.8 LITER V-6 (231 CID) 2-BBL CARBURETOR	5.7 LITER V-8 (350 CID) 4-BBL CARBURETOR
RPO LD5	RPO LM1

**Engine — Valve System**

Hydraulic lifters (Std., opt., NA)			STANDARD	
Valve rotator type (intake, exhaust)			NONE	EXHAUST
Push rods (dia., length, material)			7.94 x 221.4 (.3125 x 8.7) (A)	7.9 x 196.2 (.3125 x 7.724) (B)
Rocker ratio			1.55:1	1.50:1
Operating tappet clearance (indicate hot or cold)	Intake		ZERO	
	Exhaust		ZERO	
Timing (based on top of ramp points)	Intake	Opens (*BTC)	16	38
		Closes (*ABC)	63	92
		Duration (deg.)	259	310
	Exhaust	Opens (*BBC)	68	88
		Closes (*ATC)	29	52
		Duration (deg.)	277	320
	Valve open overlap (deg.)		45	90
Intake Valve	Material		1541 STEEL, CHROME FLASH STEM	FORGED SAE-1541-H (C)
	Overall length		119.71 (4.713)	123.95 (4.88)
	Actual overall head dia		43.43 (1.710)	49.28 (1.94)
	Angle of seat & face (deg.)		45.45	46.45
	Seat insert material		NONE	
	Stem diameter		8.64-8.66 (.3402-.3412)	8.661-8.679 (.3410-.3417)
	Stem to guide clearance		.038-.089 (.0015-.0035)	.025-.069 (.0010-.0027)
	Lift (at zero lash)		9.09 (.358)	9.91 (.3900)
	Outer spring press & length	Valve closed — N at mm (lb at in.)	262-307 @ 43.86 (59-69 @ 1.727)	338-374 @ 43.2 (76-84 @ 1.70)
		Valve open — N at mm (lb at in.)	774-845 @ 34.0 (174-190 @ 1.34)	818 @ 43.2 (184 @ 1.70)
	Inner spring press & length	Valve closed — N at mm (lb at in.)	SPRING DAMPER	
		Valve open — N at mm (lb at in.)	SPRING DAMPER	
Exhaust Valve	Material		21-2N, CHROME FLASH STEM (D)	
	Overall length		119.81 (4.717)	124.97 (4.920)
	Actual overall head dia		38.1 (1.50)	38.1 (1.50)
	Angle of seat & face (deg.)		45.45	46.45
	Seat insert material		NONE	
	Stem diameter		8.649-8.666 (.3405-.3412)	8.661-8.679 (.3410-.3417)
	Stem to guide clearance		.038-.089 (.0015-.0032)	.025-.069 (.0010-.0027)
	Lift (at zero lash)		9.30 (.366)	10.41 (.4100)
	Outer spring press & length	Valve closed — N at mm (lb at in.)	262-309 @ 43.9 (59-69 @ 1.727)	338-374 @ 43.2 (76-84 @ 1.70)
		Valve open — N at mm (lb at in.)	774-845 @ 34.0 (174-190 @ 1.34)	845 @ 29.5 (190 @ 1.16)
	Inner spring press & length	Valve closed — N at mm (lb at in.)	SPRING DAMPER	
		Valve open — N at mm (lb at in.)	SPRING DAMPER	

(A) .060" WALL STEEL TUBING  
 MVMA-C-81  
 (B) STEEL

(C) CHROME FLASH STEM  
 Page 5 A  
 (D) 5.7 LITER V-8 - CARBONITRIDED

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

Car Line CAMARO  
 Model Year 1981 Issued 9-80 Revised (\*) \_\_\_\_\_

Engine Description/Carb.  
 Engine Code

3.8 LITER V6(229 CID) 2-BBL CARBURETOR RPO LC3	4.4 LITER V8(267 CID) 2-BBL CARBURETOR RPO L39	5.0 LITER V8(305 CID) 4-BBL CARBURETOR RPO LG4
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**Engine — Lubrication System**

		EXC. CALIF.	CALIF. (Z28)
Type of lubrication (splash, pressure, nozzle)	Main bearings	PRESSURE	
	Connecting rods	PRESSURE	
	Piston pins	SPLASH	
	Camshaft bearings	PRESSURE	
	Tappets	PRESSURE	
	Timing gear or chain	SPLASH & NOZZLE	CENTRIFUGALLY OILED
	Cylinder walls	SPLASH	PRESSURE
Oil pump type		GEAR	
Normal oil pressure-kPa(psi) at engine rpm		310 (45)	
Type oil intake (floating, stationary)		STATIONARY	
Oil filter system (full flow, part, other)		FULL FLOW	
Capacity of oil case, less filter-refill-L(qt.)		3.8 (4.0)	
Oil grade recommended (SAE viscosity and temperature range)			
MINUS 6.6°C (20°F) & ABOVE		20W-20, 10W-30, 10W-40, 20W-40, 20W-50	
MINUS 17.7°C to +15.5°C (0 to 60°F)		10W, 5W-30, 10W-40, 10W-30	
MINUS 6.6°C (20°F) & BELOW		5W-20, 10W-30	
Engine, service reqmt. (SD, SE, etc.)		SF	

**Engine — Exhaust System**

Type (single, single with cross-over, dual, other)		SINGLE W/CROSSOVER	
Muffler No. & Type (reverse flow, straight thru, separate resonator)		ONE, REVERSE FLOW	
Resonator No. & type		NONE	DUAL (A)
Exhaust Pipe	Branch O.D., wall thickness	50.8 (2.0)	
	Main O.D., wall thickness	57.15 (2.25)	
	Material	LAMINATED STAINLESS STEEL TUBING	
Inter-mediate Pipe	O.D. & wall thickness	50.8 (2.0)	57.2(2.25)
	Material	ALUMINUM COATED STEEL	
Tail Pipe	O.D. & wall thickness	50.8 (2.0)	50.8(2.0)(B) 63.5(2.50)
	Material	ALUMINUM COATED STEEL	

- (A) RESONATORS AND TAILPIPES  
 (B) DUAL TAILPIPES

**MVMA Specifications Form**  
**Passenger Car**  
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Car Line CAMARO  
 Model Year 1981 Issued 9-80 Revised (•) \_\_\_\_\_

Engine Description/Carb.  
 Engine Code

3.8 LITER V-6 (231 CID)  
 2-BBL CARBURETOR  
 RPO LD5

5.7 LITER V-8 (350 CID)  
 4-BBL CARBURETOR  
 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	SPLASH & NOZZLE	CENTRIFUGAL
	Cylinder walls	SPLASH	PRESSURE
Oil pump type		GEAR	
Normal oil pressure-kPa (psi) at engine rpm		310 (45)	
Type oil intake (floating, stationary)		STATIONARY	
Oil filter system (full flow, part, other)		FULL FLOW	
Capacity of c/case, less filter-refill-L (qt.)		3.8 (4.0)	
Oil grade recommended (SAE viscosity and temperature range)			
MINUS 6.6°C (20°F) & ABOVE		20W-20, 10W-30, 10W-40, 20W-40, 20W-50	
MINUS 17.7°C to +15.5°C (0 to 60°F)		10W, 5W-30, 10W-40, 10W-30	
MINUS 6.6°C (20°F) & BELOW		5W-20, 10W-30	
Engine service reqmt. (SD, SE, etc.)		SF	

**Engine — Exhaust System**

Type (single, single with cross-over, dual, other)		SINGLE W/CROSSOVER	SINGLE W/CROSSOVER DUAL TAILPIPES
Muffler No. & Type (reverse flow, straight thru, separate resonator)		ONE, REVERSE FLOW	NONE
Resonator No. & type		NONE	TWO
Exhaust Pipe	Branch O.D., wall thickness		50.8 (2.0)
	Main O.D., wall thickness		57.15 (2.25)
	Material		LAMINATED STAINLESS STEEL TUBING
Inter-mediate Pipe	O.D. & wall thickness	50.8 (2.0)	
	Material	ALUMINUM COATED STEEL	
Tail Pipe	O.D. & wall thickness	50.8 (2.0)	63.5 (2.50)
	Material	ALUMINUM COATED STEEL	

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

Car Line **CAMARO**  
 Model Year **1981** Issued **9-80** Revised (\*) \_\_\_\_\_

Engine Description/Carb.  
 Engine Code

3.8 LITER V6(229 CID) 2-BBL CARBURETOR RPO LC3	4.4 LITER V8(267 CID) 2-BBL CARBURETOR RPO L39	5.0 LITER V8(305 CID) 4-BBL CARBURETOR RPO LG4
--	--	--

**Engine — Fuel System**

(See supplemental page for Details of Fuel Injection, Supercharger, Turbocharger, etc. if used)

Induction type: Carburetor, fuel injection system, etc.		CARBURETOR			
Fuel Tank	Refill capacity — L (U.S. gals.)	79.5 (21) APPROXIMATELY			
	Filler location	BEHIND HINGED REAR LICENSE PLATE			
Fuel Pump	Type (elec. or mech.)	MECHANICAL			
	Locations ON ENGINE	LOWER RIGHT FRONT			
	Pressure range — kPa (psi)	31-41 (4.5-6.0)	52-62 (7.5-9.0)		
Fuel Filter	Type	FINE MESH PLASTIC STRAINER IN GASOLINE TANK &			
	Locations	PAPER FILTER ELEMENT IN CARBURETOR INLET			
Carburetor	Choke type		ELECTRIC		
	Intake manifold heat control (exhaust or water)		EXHAUST		
	Air cleaner type	Standard	REPLACEABLE PAPER & CHARCOAL ELEMENT, SINGLE SNORKEL		
		Optional			
	Idle spd.-rpm (spec. neutral or drive)	Manual	700	--	700
		Propane (Neu.)			
		Automatic	600	500	500
		Propane (Neu.)			
Idle A/F mix.					

**Carburetor Supplementary Information**

Model Usage	Engine Displ. — L (in. <sup>3</sup> )	Transmission	Carburetors		No. Used and Type (Barrels)	Barrel Size	
			Make	Model			
	3.8 (229)	MANUAL	ROCHESTER	(17081131)	ONE-2 BBL	PRI-35.1(1.38)	
		AUTOMATIC		(17081130) (17081132)		SEC-35.1(1.38)	
	4.4 (267)	AUTOMATIC		17081138 (17081140)	ONE-2 BBL	PRI-35.1(1.38) SEC-35.1(1.38)	
		5.0 (305)		MANUAL	(17081203)	ONE-4 BBL	PRI-35.1(1.38)
	AUTOMATIC			(17081202) (17081204)	SEC-57.2(2.25)		
	( )	- With A/C					

**Engine — Diesel Information**

Glow plug	
Injector nozzle	Type
	Opening pressure—kPa. (psi)
Pre-Chamber design	
Fuel injection pump	Manufacturer
	Type
Supplementary vacuum source (type)	

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Car Line CAMARO  
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Engine Description/Carb.  
 Engine Code

3.8 LITER V-6 (231 CID) 2-BBL CARBURETOR RPO 1D5	5.7 LITER V-8 (350 CID) 4-BBL CARBURETOR RPO 1M1
--	--

**Engine — Fuel System** (See supplemental page for Details of Fuel Injection, Supercharger, Turbocharger, etc. if used)

Induction type: Carburetor, fuel injection system, etc.			CARBURETOR	
Fuel Tank	Refill capacity — L (U.S. gals.)		79.5 (21.0) APPROXIMATELY	
	Filler location		BEHIND HINGED REAR LICENSE PLATE	
Fuel Pump	Type (elec. or mech.)		MECHANICAL	
	Locations	ON ENGINE	LOWER LEFT FRONT	LOWER RIGHT FRONT
	Pressure range — kPa (psi)		29-40 (4.25-5.75)	52-62 (7.5-9.0)
Fuel Filter	Type		FINE MESH PLASTIC STRAINER IN GASOLINE TANK &	
	Locations		PAPER FILTER ELEMENT IN CARBURETOR INLET	
Carburetor	Choke type		ELECTRIC	
	Intake manifold heat control (exhaust or water)		EXHAUST	
	Air cleaner type	Standard	REPLACEABLE PAPER & CHARCOAL ELEMENT, SINGLE SNORKEL	
		Optional		
	Idle spd. rpm (spec. neutral or drive)	Manual	---	---
		Propane (Neu.)		
		Automatic	500	500
Propane (Neu.)				
Idle A/F mix				

**Carburetor Supplementary Information**

Model Usage	Engine Displ — L (in <sup>3</sup> )	Transmission	Carburetors		No. Used and Type (Barrels)	Barrel Size
			Make	Model		
	3.8 (231)	AUTOMATIC	ROCHESTER	17081196	ONE 2-BBL	PRI & SEC 36.5 (1.4375) 30.9 (1.218)*
	5.7 (350)	AUTOMATIC	ROCHESTER	17081216 (17081218)	ONE 4-BBL	PRI-35.1(1.38 SEC-57.2(2.25
	* - Venturi Size					

**Engine — Diesel Information**

Glow plug		
Injector nozzle	Type	
	Opening pressure — kPa. (psi)	
Pre Chamber design		
Fuel injection pump	Manufacturer	
	Type	
Supplementary vacuum source (type)		

# MVMA Specifications Form

## Passenger Car

METRIC (U.S. Customary)

Car Line CAMARO  
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Engine Description/Carb.  
Engine Code

3.8 LITER V6(229 CID)	4.4 LITER V8(267 CID)	5.0 LITER V8(305CID)
2-BBL CARBURETOR	2-BBL CARBURETOR	4-BBL CARBURETOR
RPO LC3	RPO L39	RPO LG4

### Engine — Cooling System

Coolant recovery system (std., opt., none)		STANDARD	
Radiator cap relief valve pressure — kPa (psi)		103.4 (15.0)	
Circulation thermostat	Type (choke, bypass)	CHOKE	
	Starts to open at °C (°F)	90.6 (195)	
Water pump	Type (centrifugal, other)	CENTRIFUGAL	
	GPM 1000 pump rpm		
	Number of pumps	ONE (1)	
	Drive (V-belt, other)	V-BELT	
	Bearing Type	SEALED DOUBLE ROW BALL	
By-pass recirculation type (inter., ext.)		INTERNAL	
Radiator core type (cross-flow, vertical, cellular, tube and fin, other)		CROSS FLOW, TUBE & CENTER	
Cooling System Capacity (@)	With heater — L(qt.) (★★)	14.33 (15.14)	16.45 (17.38) 14.97 (15.82)
	Without heater — L(qt.)	HEATER STANDARD EQUIPMENT	
	(@) Opt. equipment-specify — L (qt.)	14.35 (15.16)	16.58 (17.52) 15.10 (15.95)
Water jackets full length of cyl. (yes, no)		YES	
Water all around cylinder (yes, no)		YES	
Radiator hose	Lower	Number and type (molded, straight)	ONE, MOLDED
		Inside diameter	38.1 (1.50) 38.1 (1.50)
	Upper	Number and type (molded, straight)	ONE, MOLDED
		Inside diameter	31.8 (1.25) 38.1 (1.50)
	By-pass	Number and type (molded, straight)	NONE
		Inside diameter	
Radiator (Core)	Standard	Width	528.3 (20.8)
		Height	431.0 (17.0) 431.0 (17.0)
		Thickness	31.5 (1.24)
	A/C	Width	528.3 (20.8) 668 (26.3)
		Height	431.0 (17.0) 429.7 (16.9)
		Thickness	31.5 (1.24) 25.0 (0.98)
	Heavy duty	Width	528.3 (20.8) 668 (26.3)
		Height	431.0 (17.0) 429.7 (16.9)
		Thickness	31.5 (1.24) 25.0 (0.98)
Fan (Standard)	Number of blades & type - Flex/Solid		4, STAGGERED 4, STAGGERED (*)
	Diameter		457 (18.0)
	Ratio — fan to crankshaft rev.		
	Fan cutout type		NONE
Fan (optional)	Drive Type-Number of Fans		V-BELT - ONE
	No. of blades and spacing		5, STAGGERED 7, STAGGERED
	Diameter		457 (18.0)
	Ratio — fan to crankshaft rev.		
	Fan cut-out type		CLUTCH
	Drive Type-Number of Fans		V-BELT - ONE

(\*) 5 BLADE WITH 3.08:1 RATIO REAR AXLE

(★★) BASE EQUIPMENT

(@) WITH AIR CONDITIONING

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 Model Year **1981** Issued **9-80** Revised (•) \_\_\_\_\_

Engine Description/Carb.  
 Engine Code

3.8 LITER V-6 (231 CID) 2-BBL CARBURETOR RPO LD5	5.7 LITER V-8 (350 CID) 4-BBL CARBURETOR RPO LM1
--	--

**Engine — Cooling System**

Coolant recovery system (std, opt, none)		STANDARD	
Radiator cap relief valve pressure — kPa (psi)		103.4 (15.0)	
Circulation thermostat	Type (choke, bypass)	CHOKE	
	Starts to open at °C (°F)	90.6 (195)	
Water pump	Type (centrifugal, other)	CENTRIFUGAL	
	GPM 1000 pump rpm		
	Number of pumps	ONE (1)	
	Drive (V belt, other)	V-BELT	
Bearing Type		SEALED DOUBLE ROW BALL	
By pass recirculation type (inter, ext.)		EXTERNAL	INTERNAL
Radiator core type (cross-flow, vertical, cellular, tube and fin, other)		CROSSFLOW	
Cooling System Capacity	With heater — L (qt) (★★)	11.81 (12.48)	15.72 (16.61)
	Without heater — L (qt)	HEATER STANDARD EQUIPMENT	
	(@) Opt. equipment specify — L (qt)	11.77 (12.44)	15.74 (16.63)
Water jackets full length of cyl. (yes, no)		YES	
Water all around cylinder (yes, no)		YES	
Radiator hose	Lower	Number and type (molded, straight)	ONE, MOLDED
		Inside diameter	38.1 (1.50)
	Upper	Number and type (molded, straight)	ONE, MOLDED
		Inside diameter	31.8 (1.25)
	By pass	Number and type (molded, straight)	ONE, MOLDED
		Inside diameter	NONE
Radiator (Core)	Standard	Width	528.3 (20.8)
		Height	431.0 (17.0)
		Thickness	31.5 (1.24)
	A/C	Width	528.3 (20.8)
		Height	431.0 (17.0)
		Thickness	31.5 (1.24)
	Heavy duty	Width	528.3 (20.8)
		Height	431.0 (17.0)
		Thickness	31.5 (1.24)
Fan (Standard)	Number of blades & type — Finx Solid		5 - SOLID
	Diameter		508.0 (20.0)
	Ratio — fan to crankshaft rev		
	Fan cutout type		CLUTCH
	Drive Type Number of Fans		V-BELT - ONE
Fan (Optional)	No. of blades and spacing		5, STAGGERED
	Diameter		508 (20.0)
	Ratio — fan to crankshaft rev		
	Fan cut out type		CLUTCH
	Drive Type Number of Fans		V-BELT-ONE

(★★) BASE TRANSMISSION  
 (@) WITH AIR CONDITIONING



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Car Line CAMARO  
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Engine Description/Carb.  
 Engine Code

3.8L V-6 2-BBL RPO LC3	3.8L V-6 2-BBL RPO LD5	4.4L V-8 2-BBL RPO L39	5.0L V-8 4-BBL RPO LG4	5.7L V-8 4-BBL RPO LM1
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**Vehicle Emission Control**

Exhaust Emission Control	Type (Air injection, engine modifications, other)		<b>AIR INJECTION W/COMPUTER COMMAND CONTROL</b>	
	Air Injection Pump	Type		
		Displacement — cm <sup>3</sup> (in <sup>3</sup> )		
		Drive ratio		
		Drive type		
		Relief valve (type)		
	Air Injection System	Filter (describe)		
		Air distribution (head, manifold, etc.)		
		Point of entry		
		Injection tube i.d.		
		Check valve type		
	Exhaust Gas Recircula- tion System	Backfire protection (type)		
		Type (controlled flow, open orifice, other)	<b>CONTROLLED FLOW</b>	
		Valve type	<b>VACUUM MODULATES SHUT-OFF &amp; METERING VALVE</b>	
		Valve location	<b>INLET MANIFOLD</b>	
		Control energy source	<b>CARBURETOR VACUUM</b>	
		Exhaust source	<b>MANIFOLD EXHAUST CROSSOVER</b>	
		Exhaust cooler type	<b>NONE</b>	
		Orifice no. and size	<b>ONE</b>	
		Point of exhaust injection (spacer, carburetor, manifold, other)	<b>INLET MANIFOLD</b>	
	Catalytic Converter System	Catalyst	Type	<b>PLATINUM-PALLADIUM</b>
			Volume — L (in <sup>3</sup> )	<b>4.1 (250)</b>
		Substrate type		<b>DUAL BED *</b>
		Container location		<b>BENEATH RE UNDERBODY</b>
	Other	CARBURETOR HOT AIR		<b>THERMOSTATICALLY CONTROLLED AIR CLEANER</b>
				<b>REGULATES AND MIXES HEATED AIR FROM</b>
				<b>INCOMING COLD AIR TO REDUCE HYDROCARBON</b>
				<b>EMISSION.</b>

\* Single bed with LD5

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Engine Description/Carb.  
 Engine Code

3.8L V-6 2-BBL RPO LC3	3.8L V-6 2-BBL RPO LD5	4.4L V-8 2-BBL RPO L39	5.0L V-8 4-BBL RPO LG4	5.7L V-8 4-BBL RPO LM1
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**Vehicle Emission Control (Continued)**

Crankcase Emission Control	Type (ventilates to atmos., induction system, other)		Standard	INDUCTION SYSTEM
			Optional	
	Control Unit	Make and model		A.C.
		Location		VALVE ROCKER COVER
		Energy source (manifold vacuum, carburetor, other)		MANIFOLD VACUUM
		Control method (variable orifice, fixed orifice, other)		VARIABLE ORIFICE
	Complete System	Discharges (to intake manifold, other)		INLET MANIFOLD
		Air inlet (breather cap, other)		CARBURETOR AIR CLEANER
		Flame arrestor (screen, other)		SCREEN
Evaporative Emission Control	Fuel Tank	Thermal expansion volume — dm <sup>3</sup> (ft <sup>3</sup> )		APPROX. 10% OF REFILL CAPACITY
		Relief Pressure kPa (psi) and location		
		Vacuum relief kPa (psi) and location		
		Vapor-liquid separator type		INTEGRAL WITH FUEL TANK
		Vapor vented to (crankcase, canister, other)		CANISTER
	Carbu- retor	Vapor vented to (crankcase, canister, other)		CANISTER
	Vapor Storage	Storage provision (crankcase, canister, other)		CANISTER
		Volume —dm <sup>3</sup> (ft <sup>3</sup> ) or capacity (grams)		APPROX. 50 GRAMS STORAGE CAPACITY
		Control valve type		CONTROLLED BY ORIFICE, CARBURETOR THROTTLE BODY AND THROTTLE BLADE POSITION

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 Model Year 1981 Issued 9-80 Revised (\*) \_\_\_\_\_

Engine Description/Carb.  
 Engine Code

3.8 LITER V6(229 CID)	4.4 LITER V8(267 CID)	5.0 LITER V8(305CID)
2-BBL CARBURETOR	2-BBL CARBURETOR	4-BBL CARBURETOR
RPO LC3	RPO L39	RPO LG4

**Electrical — Supply System**

Battery	Make and Model		DELCO 'FREEDOM II'		
	Voltage Rtg. — V — & Total Plates		12V		
	SAE Designation No. and/or capacity		90 MINUTE RESERVE CAPACITY		
	Location		ENGINE COMPARTMENT, RIGHT FRONT		
Generator or Alternator	Make		DELCO REMY		
	Model		1103161	1103162	
	Type and rating		37		
	Output at engine idle (neutral) A				
Ratio — Gen. to Cr/s rev.					
Regulator	Make		DELCO REMY		
	Model				
	Type		MICRO CIRCUIT UNIT; INTEGRAL WITH ALTERNATOR		
	Regulated	Voltage			
		Current A			
	Voltage test conditions	Temperature — °C (°F)			
		Load A			
Other					

**Electrical — Starting System**

Starting Motor	Make		DELCO REMY			
	Model		1109524	1109064	1109074-M/T (A)	
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) 1109064 - A/T

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Engine Description/Carb.  
 Engine Code

3.8 LITER V-6 (231 CID) 2-BBL CARBURETOR RPO LD5	5.7 LITER V-8 (350 CID) 4-BBL CARBURETOR RPO LM1
--	--

**Electrical — Supply System**

Battery	Make and Model		DELCO 'FREEDOM II'	
	Voltage Rtg — V — & Total Plates		12 V	
	SAE Designation No. and/or capacity		90 MINUTE RESERVE CAPACITY	
	Location		RIGHT FRONT OF ENGINE COMPARTMENT	
Generator (or Alternator)	Make		DELCO REMY	
	Model		1100110	1103162
	Type and rating		42	37
	Output at engine idle (neutral) A			
Regulator	Ratio — Gen. to Cr/s rev			
	Make		DELCO REMY	
	Model		---	
	Type		MICRO-CIRCUIT UNIT; INTEGRAL WITH DISTRIBUTOR	
	Regu- lated	Voltage		
		Current A		
	Voltage test condi- tions	Temperature — °C (°F)		
		Load A		
		Other		

**Electrical — Starting System**

Starting Motor	Make		DELCO REMY		
	Model		1109065		
Motor Drive	Engagement Type		POSITIVE SHIFT SOLENOID		
	Pinion engages from (front, rear)		FRONT	REAR	
	Number of teeth	Pinion	9		
		Flywheel	Manual	---	
			Auto	160	168

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Car Line CAMARO  
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**Engine Description/Carb.**  
**Engine Code**

3.8 LITER V6(229 CID) 2 -BBL CARBURETOR	4.4 LITER V8(267 CID) 2-BBL CARBURETOR	5.0 LITER V8(305 CID) 4-BBL CARBURETOR
RPO LC3	RPO L39	RPO LG4

## Electrical — Ignition System — Distributor

Distributor	Manual	1110754	---	1103443
	Automatic	1110754	1103443	1103443
Timing	Manual	6° BTC	---	6° BTC
	Automatic	6° BTC	6° BTC	6° BTC

Distributor Model	CENTRIFUGAL ADVANCE Crankshaft Degrees at Engine RPM			VACUUM ADVANCE Crankshaft Deg. at kPa (in. of Hg.)	
	Start	Intermediate	Maximum	Start	Maximum
1103443	DOES NOT APPLY				
1110754	0° @ 1200	11° @ 2400	18° @ 4100	0° @ 0.1	16° @ 21.9

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Car Line CAMARO  
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Engine Description/Carb  
 Engine Code

3.8 LITER V-6 (231 CID) 2-BBL CARBURETOR	5.7 LITER V-8 (350 CID) 4-BBL CARBURETOR
RPO LD5	RPO LM1

**Electrical — Ignition System — Distributor**

Distributor	Manual	---	---
	Automatic	1111386	1103443
Timing	Manual	---	
	Automatic	15° BTC	6° BTC

Distributor Model	CENTRIFUGAL ADVANCE Crankshaft Degrees at Engine RPM			VACUUM ADVANCE Crankshaft Deg at kPa (in. of Hg)	
	Start	Intermediate	Maximum	Start	Maximum
1111386 1103443		DOES NOT APPLY			

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Engine Description/Carb.  
 Engine Code

3.8 LITER V6(229 CID)	4.4 LITER V8(267 CID)	5.0 LITER V8(305CID)
2-BBL CARBURETOR	2-BBL CARBURETOR	4-BBL CARBURETOR
RPO LC3	RPO L39	RPO LG4

**Electrical — Ignition System**

Type	Conventional — Std., Opt., N.A.		---
	Transistorized — Std., Opt., N.A.		---
	Other (specify)		HIGH ENERGY IGNITION (HEI)
Coil	Make		DELCO REMY
	Model		INTEGRAL WITH DISTRIBUTOR
	Current	Engine stopped — A	
		Engine idling — A	
Spark Plug	Make		AC
	Model		R45TS
	Thread (mm)		14
	Tightening torque — N-m (lb. ft.)		
	Gap		1.143 (.045)

**Electrical — Suppression**

Locations & type	
------------------	--

Electrical — Instruments and Equipment		1FP87	1FS87
Speedometer	Type	CIRCULAR DIAL WITH POINTER	
	Trip odometer (std., opt., N.A.)	NA	
EGR maintenance indicator		NA	
Charge Indicator	Type	Tell-Tale	Voltmeter
	Warning device	NA	
Temperature Indicator	Type	Tell-Tale	Electric Gauge
	Warning device	NA	
Oil pressure Indicator	Type	TELL-TALE	
	Warning device	NA	
Fuel Indicator	Type	ELECTRIC GAUGE	
	Warning device	NA	
Windshield Wiper	Type — standard	ELECTRIC, TWO-SPEED	
	Type — optional	INTERMITTENT WINDSHIELD WIPER	
	Blade length	16.0 IN.	
	Swept area — cm <sup>2</sup> (in. <sup>2</sup> )	841.02 SQ. IN.	
Windshield Washer	Type — standard	PUSH-BUTTON	
	Type — optional	NONE	
	Fluid level indicator	NA	
Horn	Type	Single (Low Note)	Dual
	Number used	DUAL-BERLINETTA MODEL 1FS87, SINGLE (LOW NOTE 1FP87 MODEL)	
CURRENT DRAW (A) PER HORN		4.5-6.5 @ 12.5 VOLTS	
Other		PARKING BRAKE WARNING LIGHT, BRAKE FAILURE WARNING LIGHT RESTRAINT SYSTEM WARNING LIGHT AND BUZZER ELECTRIC TACHOMETER AND CLOCK STD. FOR 1FS87 Z28 INSTRUMENT EQUIPMENT SAME AS 1FS87	

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Revised (\*)

Engine Description/Carb.  
 Engine Code

3.8 LITER V-6 (231 CID) 2-BBL CARBURETOR RPO LD5	5.7 LITER V-8 (350 CID) 4-BBL CARBURETOR RPO LM1
--	--

**Electrical — Ignition System**

Type	Conventional — Std., Opt., N.A.		---
	Transistorized — Std., Opt., N.A.		---
	Other (specify)		HIGH ENERGY IGNITION (HEI)
Coil	Make		DELCO REMY
	Model		INTEGRAL WITH DISTRIBUTOR
	Current	Engine stopped — A	
		Engine idling — A	
Spark Plug	Make		A.C.
	Model		R45TS8 R43TS
	Thread (mm)		14 14
	Tightening torque — N-m (lb. ft.)		
	Gap		2.008 (.080) 1.143 (0.045)

**Electrical — Suppression**

Locations & type	
------------------	--

**Electrical — Instruments and Equipment**

SEE PAGE # 14

Speedometer	Type	
	Trip odometer (std., opt., N.A.)	
EGR maintenance indicator		
Charge Indicator	Type	
	Warning device	
Temperature Indicator	Type	
	Warning device	
Oil pressure Indicator	Type	
	Warning device	
Fuel Indicator	Type	
	Warning device	
Windshield Wiper	Type — standard	
	Type — optional	
	Blade length	
	Swept area — cm <sup>2</sup> (in <sup>2</sup> )	
Windshield Washer	Type — standard	
	Type — optional	
	Fluid level indicator	
Horn	Type	
	Number used	
Other		



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Car Line CAMARO  
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Engine Description/Carb.  
 Engine Code

3.8 LITER V6(229 CID) 2-BBL. CARBURETOR	5.0 LITER V8(305 CID) 4-BBL CARBURETOR	4.4 LITER V8(267 CID) 2-BBL CARBURETOR
RPO LC3	RPO LG4	RPO L39

**Drive Units — Clutch (Manual Transmission)**

Make & type	CHEVROLET, SINGLE DRY DISC	
Type pressure plate springs	DIAPHRAGM	
Total spring load — N (lb.)	9341-10230 (2100-2300)	
No. of clutch driven discs	ONE	
Clutch facing	Material	WOVEN TYPE ASBESTOS
	Manufacturer	CHEVROLET
	Part Number	
	Rivets/Plate	40
	Rivet size	4.75 x 5.28 (.187 x .208)
	Outside & inside dia.	262.6 x 165.1 (10.34 x 6.50)
	Total eff. area - cm <sup>2</sup> (in. <sup>2</sup> )	655.2 (101.58)
	Thickness	3.43 (.135)
	Engagement Cushion method	FLAT SPRING STEEL BETWEEN FACINGS
Release bearing	Type & method of lubrication	SINGLE ROW BALL, PACKED & SEALED
Torsional damping	Method: springs, friction material	COIL SPRINGS

**Drive Units — Transmissions**

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

**Drive Units — Manual Transmission**

Number of forward speeds	3	4	
Transmission ratios	In first	3.50	3.42
	In second	1.89	2.28
	In third	1.00	1.45
	In fourth	--	1.00
	In fifth	--	--
	In overdrive	--	--
	In reverse	3.62	3.51
Synchronous meshing, specify gears	ALL FORWARD		
Shift lever location	FLOOR		
Lubricant	Capacity — L (pt.)	1.4 (3.0)	1.6 (3.4)
	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

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**Passenger Car**  
**METRIC (U.S. Customary)**

Car Line CAMARO  
 Model Year 1981 Issued 9-80 Revised (•) \_\_\_\_\_

Engine Description/Carb.  
 Engine Code

3.8 LITER V-6 (231 CID) 2-BBL CARBURETOR RPO LD5	5.7 LITER V-8 (350 CID) 4-BBL CARBURETOR RPO LM1
--	--

**Drive Units — Clutch (Manual Transmission)**

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

**Drive Units — Transmissions**

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

**Drive Units — Manual Transmission**

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

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Engine Description/Carb.  
 Engine Code

3.8 LITER V6(229 CID) 2-BBL CARBURETOR	4.4 LITER V8(267 CID) 2-BBL CARBURETOR	5.0 LITER V8(305 CID) 4-BBL CARBURETOR
RPO 1C3	RPO 139	RPO 1G4

**Drive Units — Automatic Transmission** (SEE "POWER TEAMS" FOR TRANSMISSION USAGE)

Trade name	3-SPEED AUTOMATIC	
Type (describe)	TORQUE CONVERTER WITH PLANETARY GEARS	
	'250c'	'350c'
Selector	FLOOR MOUNTED WITH CONSOLE	
	P-R-N-D-2-1	
Gear Ratios	R	1.93
	D	1.00
	<del>XX</del> 2	1.52
	<del>XX</del> 1	2.52
	<del>XX</del>	
Max. upshift speed — drive range — km/h (mph)		
Max. kickdown speed — drive range — km/h (mph)		
Min. overdrive speed — km/h (mph)		
Torque Converter	Number of elements	3
	Max. ratio at stall	2.0
	Type of cooling (air, liquid)	LIQUID
	Nominal diameter	298 (11.75)
Lubricant	Capacity — refill — L (pt.)	3.3 (7.0)
	Type recommended	DEXRON II 3.0 (6.0)
Special transmission features	TORQUE CONVERTER CLUTCH, 3RD GEAR LOCK-UP	

**Drive Units — Axle or Front Wheel Drive Unit**

Type (front, rear)	REAR	
Description	SEMI-FLOATING AXLE SHAFT, OVERHUNG DRIVE PINION & RING GEAR	
Limited Slip differential, type	DISC CLUTCH	
Drive Pinion Offset	44 (1.75)	
Drive pinion type	HYPOID GEAR	
No. of differential pinions	TWO	
Pinion adjustment (shim, other)	SHIM	
Pinion bearing adj. (shim, other)	COLLAPSIBLE SLEEVE	
Driving wheel bearing type	DIRECT OR SINGLE ROW CYLINDRICAL	
Lubricant	Capacity — L (pt.)	1.9 (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 or Transaxle Ratio and Tooth Combinations** (See "Power Teams" for axle ratio usage.)

Axle Ratio or Overall Ratio (:1)		2.56	2.73	3.08	3.42
No. of teeth	Pinion	16	15	13	12
	Ring gear or gear	41	41	40	41
Ring Gear O. D.		216 (8.50)			
Transaxle	Transfer Gear Ratio				
	Final Drive Ratio				

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Engine Description/Carb.  
 Engine Code

3.8 LITER V-6 (231 CID) 2-BBL CARBURETOR RPO LD5	5.7 LITER V-8 (350 CID) 4-BBL CARBURETOR RPO LM1
--	--

**Drive Units — Automatic Transmission (SEE "POWER TEAMS" FOR TRANSMISSION USAGE)**

Trade name		3-SPEED AUTOMATIC
Type (describe)		TORQUE CONVERTER WITH PLANETARY GEARS '350c'
Selector	Location	FLOOR MOUNTED WITH CONSOLE
	Ltr./No. Designation	P-R-N-D-2-1
Gear Ratios	R	1.93
	D	1.00
	KX 2	1.52
	KX 1	2.52
	L	
Max. upshift speed — drive range — km/h (mph)		
Max. kickdown speed drive range — km/h (mph)		
Min. overdrive speed — km/h (mph)		
Torque Converter	Number of elements	3
	Max. ratio at stall	2.0
	Type of cooling (air, liquid)	LIQUID
	Nominal diameter	298 (11.75)
Lubricant	Capacity — refill — L (pt.)	3.0 (6.0)
	Type recommended	DEXRON II
Special transmission features		TORQUE CONVERTER CLUTCH LOCK-UP
		3RD GEAR
		2ND & 3RD GEAR

**Drive Units — Axle or Front Wheel Drive Unit**

Type (front, rear)		REAR
Description		SEMI-FLOATING AXLE SHAFT, OVERHUNG DRIVE PINION AND RING GEAR
Limited Slip differential, type		DISC CLUTCH
Drive Pinion Offset		44 (1.75)
Drive pinion type		HYPOID GEAR
No. of differential pinions		TWO
Pinion adjustment (shim, other)		SHIM
Pinion bearing adj. (shim, other)		COLLAPSIBLE SLEEVE
Driving wheel bearing type		DIRECT OR SINGLE ROW CYLINDRICAL
Lubricant	Capacity — L (pt.)	1.9 (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 or Transaxle Ratio and Tooth Combinations (See "Power Teams" for axle ratio usage)**

Axle Ratio or Overall Ratio (:1)		2.73	3.08
No. of teeth	Pinion	15	13
	Ring gear or gear	41	40
Ring Gear O.D.		216 (8.50)	
Transaxle	Transfer Gear Ratio		
	Final Drive Ratio		

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Engine Description/Carb.  
 Engine Code

3.8L V-6/2 229 CID RPO LC3	3.8L V-6/2 231 CID RPO LD5	4.4L V-8/2 267 CID RPO L39	5.0L V-8/4 305 CID RPO LG4	5.7L V-8/4 350 CID RPO LM1
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**Drive Units — Propeller Shaft — Conventional Drive**

Type (straight tube, tube-in-tube, internal-external damper, etc.)		STRAIGHT TUBE		
Outer diam. x length* x wall thickness	Manual 3-speed trans.	SAME AS AUTOMATIC	N.A.	
	Manual 4-speed trans.	N.A.	SAME AS AUTOMATIC	
	Manual 5-speed trans.	N.A.		
	Overdrive	N.A.		
	Automatic transmission	69.9 x 1233.2 x 1.65 (2.75 x 48.55 x .065)		
Inter-mediate bearing	Type (plain, anti-friction)	NONE		
	Lubrication (fitting prepack)	--		
Slip Yoke	Type	YOKE		
	Number of teeth	27	32	
	Spline O.D.			
Universal joints	Make and Mfg. No.	Front	SAGINAW 44	
		Rear		
	Number used	TWO		
	Type (ball and trunnion, cross)	CROSS		
	Rear attach (u-bolt, clamp, etc.)	STRAP AND BOLT		
	Bearing	Type (plain, anti-friction)	ANTI-FRICTION	
		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.

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Car Line CAMARO  
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Engine Description/Carb.  
 Engine Code

MODEL 1FP87	MODEL 1FS87	MODEL 1FP87 (RPO Z28)
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**Drive Units — Tires And Wheels (Standard)**

TIRES	Size, load range, ply		P205/75R 14 (BW, WW, WL)*		P225/70R15 (WL)	
	Type (bias, radial, etc.)		STEEL BELTED RADIAL			
	Inflation pressure (cold) for recommended max. vehicle load	Front-kPa (psi)	165 (24)		180 (26)	
		Rear-kPa (psi)	165 (24)		180 (26)	
	Rev./mile—at 70 km/h (45 mph)		495 (797)		472 (760)	
WHEELS	Type & material		SHORT SPOKE DISC, STEEL			
	Rim (size & flange type)		14 x 6		14 x 7	
	Wheel offset		12.7 (.50)		8.6 (.34)	
	Attachment	Type (bolt or stud)	STUD			
		Circle diameter	120.7 (4.75)			
		Number & size	5 HEX NUTS 7/16-20 UNEF-2B			
Spare tire and wheel (same or other)		16 x 4; OFFSET - 33 mm (1.3 IN)				

**Drive Units — Tires And Wheels (Optional)**

Size, load range, ply			
Type (bias, radial, etc.)			
Wheel type & material	DISC, STEEL		ALUMINUM, STYLED
Rim (size, flange type, and offset)	14 x 7; 8.6 (.34)		15 x 7; 7.6 (.30)
Size, load range, ply			
Type (bias, radial, etc.)			
Wheel type & material	RALLY, STEEL		
Rim (size, flange type, and offset)	14 x 7; 8.6 (.34)		
Size, load range, ply			
Type (bias, radial, etc.)			
Wheel type & material	TURBINE I, URETHANE/STEEL		
Rim (size, flange type, and offset)	14 x 7; 8.6 (.34)		
Size, load range, ply			
Type (bias, radial, etc.)			
Wheel type & material		ALUMINUM, STYLED	
Rim (size, flange type, and offset)		14 x 7; 5.0 (.20)	
Spare tire and wheel	TIRE	BASE-T125/80D16 WITH LIMITED SLIP DIFF.-T155/90D16	T155/90D16
(If configuration is different than road tire or wheel, describe optional spare tire and/or wheel)			

**Brakes — Parking**

Type of control	FOOT PEDAL-APPLICATION; '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)	---	
		---	

\* BLACKWALL NOT AVAILABLE ON MODEL 1FS87 (BERLINETTA)

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Car Line CAMARO  
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Body Type And/Or Engine Displacement

2-DOOR SPORT COUPE

**Brakes — Service**

Brake Type (std., Opt., N.A.)	Drum	Front	N.A.	
		Rear	STD.	
	Disc	Front	STD.	
		Rear	N.A.	
Self-adjusting (std., opt., N.A.)			STD.	
Special Valving	Type (proportion, delay, metering, other)			
Power Brake (std., opt., N.A.)			METERING & PROPORTIONING STD.	
Booster Type (remote, integral, vac., hyd., etc.)			INTEGRAL	
Anti-skid device type (std., opt., N.A.)			N.A.	
Effective area — cm <sup>2</sup> (in. <sup>2</sup> )*			648.2 (100.5)	
Gross lining area — cm <sup>2</sup> (in. <sup>2</sup> )**			745.6 (115.6)	
Swept area — cm <sup>2</sup> (in. <sup>2</sup> ***			2105.3 (326.4)	
Rotor	Outer working diameter	F	279.4 ( 11.0)	
		R	--	
	Inner working diameter	F	177.8 ( 7.0)	
		R	--	
	Thickness	F	26.2 ( 1.03)	
		R	--	
	Material & type (vented/solid)	F	CAST IRON, VENTED	
		R	--	
Drum	Diameter (nominal)	F	--	
		R	241.3 ( 9.5)	
	Type and material		CAST IRON, FINNED	
Wheel cyl- inder bore	Front	74.6 ( 2.9375)		
	Rear	23.8 ( 0.9375)		
Master Cylinder	Bore	28.6 ( 1.125)		
	Stroke	35.8 ( 1.41)		
Pedal arc ratio			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		5.33 x 9.63 (.210 x .379)
		Manufacturer		DELCO MORaine
		Lining Code		
		Material		MOLDED ASBESTOS
		**** Prim. or out-board		137.2 x 48.8 x 11.8 (5.40 x 1.92 x .465)
	Rear Wheel	Size Second or in-board		137.2 x 48.8 x 11.8 (5.40 x 1.92 x .465)
		Shoe thickness (no lining)		INBOARD-15.75(.620); OUTBOARD-14.0(.550)
		Bonded or riveted, rivets/seg.		RIVETED - 10 PRIMARY, 12 SECONDARY
		Manufacturer		INLITE
		Lining Code		
		Material		MOLDED ASBESTOS
		**** Prim. or out-board		185.4 x 50.8 x 5.8 (7.30 x 2.0 x 0.23)
		Size Second or in-board		240.3 x 50.8 x 5.8 (9.46 x 2.0 x 0.23)
		Shoe thickness (no lining)		PRI.-6.99 (.275); SEC.-7.75 (.305)

\*Excludes rivet holes, grooves, chamfers, etc.

\*\*Includes rivet holes, grooves, chamfers, etc.

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

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

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**2-DOOR SPORT COUPE**

**Steering**

Manual (std., opt., N.A.)		N.A.	
Power (std., opt., N.A.)		STD.	
Adjustable steering wheel (tilt, swing, other)	Type and description	TILT-UNIVERSALLY JOINTED STEERING SHAFT AT BASE OF STEERING WHEEL - 6 POSITION	
	(Std., opt., N.A.)	OPT.	
Wheel diameter	Manual	---	
	Power	381 (15.)	
Turning diameter m (feet)	Outside front	Wall to wall (l. & r.)	12.5 (41.1)
		Curb to curb (l. & r.)	11.7 (38.5)
	Inside rear	Wall to wall (l. & r.)	
		Curb to curb (l. & r.)	
Manual	Gear	Type	NOT AVAILABLE
		Make	
		Ratios	
		Gear Overall	
	No. wheel turns (stop to stop)		
Power	Type (coaxial, linkage, etc.)		INTEGRAL GEAR & POWER PISTON WITH VANE TYPE PUMP
	Make		SAGINAW STEERING GEAR
	Gear	Type	SEMI-REVERSIBLE, RECIRCULATING BALL STUD
		Ratios	V-6-15-13:1; V-8-16-13:1; RPO Z28-14:1
		Gear Overall	V-6-16.4:1; V-8-17.6:1; RPO Z28-13.0:1
	Pump driven by		'V' BELT
No. wheel turns (stop to stop)		2.41 (2.61 W/RPO Z28)	
Linkage	Type		PARALLELOGRAM
	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
	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	31.73-31.74 (1.2493-1.2498)
		Outer bearing	21.43-21.45 (.8437-.8445)
	Thread size		3/4-20 UNEF-3A (MODIFIED)
	Bearing type		TAPERED ROLLER
Wheel Align at curb mass (wt.)	Service checking	Caster (deg.)	
		Camber (deg.)	
		Toe-in [outside track-mm (in.)]	
	Service reset	Caster	
		Camber	
		Toe-in	
	Periodic M.V. Inspection	Caster	
		Camber	
		Toe-in	



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Body Type And/Or Engine Displacement

2-DOOR SPORT COUPE		
V-6	V-8	728

**Suspension — General**

Car leveling	Standard/Optional/NA	N.A.
	Type (air, hyd., etc.)	--
	Manual/auto. controlled	--
Provision for brake dip control		FRONT SUSPENSION GEOMETRY
Provision for acc. squat control		REAR SUSPENSION GEOMETRY
Special provisions for car jacking		SLOTS IN OUTBOARD BOTTOM PORTION OF FRONT & REAR BUMPER FACE BAR
Shock absorber front & rear	Type	DIRECT, DOUBLE ACTING, HYDRAULIC
	Make	DELCO
	Piston dia.	25 (1.0)
Other special features		

**Suspension — Front**

Type and description		INDEPENDENT SLA		
Travel	Full Jounce	80.0 (3.15)		
	Full Rebound	95.5 (3.76)		
Spring	Type (coil, leaf, other)	COIL		
	Material	STEEL ALLOY		
	Size (coil design height & I.D., bar length x dia.)	279 x 102.9 x 2916 x 15.1	279 x 102.9 x 2949 x 15.7	279 x 102.9 x 3275 x 17.0
	Spring rate — N/mm (lb./in.)	47.3 (270)	52.5 (300)	63.9 (365)
	Rate at wheel — N/mm (lb./in.)	13.8 (79)	15.6 (89)	19.1 (109)
	Type (link, linkless, frameless)	LINK		
Stabilizer	Material & bar diameter	STEEL-BASE-23.81-(.9375);RPO F41-25 (0.98)		
		28.6 (1.125)		

**Suspension — Rear**

Type and description		SALISBURY WITH MULTIPLE LEAF SPRINGS		
Drive and torque taken through		REAR SPRINGS		
Travel	Full Jounce	73.1 (2.88)		
	Full Rebound	LEFT - 125.2 (4.93); RIGHT - 132.3 (5.21)		
Spring	Type (coil, leaf, other)	LEAF		
	Material	CHROME CARBON STEEL		
	Size (length x width, coil design height & I.D., bar length & dia.)	1422 x 63.5 (56.0 x 2.50)		
	Spring rate — N/mm (lb./in.)	16.3 (93)		22.8 (130)
	Rate at wheel — N/mm (lb./in.)	18.0 (103)		24.5 (140)
	Mounting insulation type	RUBBER BUSHED AT SHACKLE AND HANGER		
If leaf	No. of leaves	FIVE (5)		
	Shackle (comp. or tens.)	COMPRESSION		
Stabilizer	Type (link, linkless, frameless)	LINK		
	Material & bar diameter	STEEL-RPO F41-14.29 (.5625)		
Track bar type		15.88 (0.625)		

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Car Line CAMARO  
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**Body Type**

2-DOOR SPORT COUPES	
1FP87	1FS87

**Body — Miscellaneous Information**

Type of finish (lacquer, enamel, other)		ACRYLIC LACQUER
Hood hinge location (front, rear)		REAR
Hood counterbalance (type)		CONVENTIONAL 4-LINK TYPE WITH SPIRAL SPRING
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	N.A.
	Rear	N.A.
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

**Passive Restraint System**

Inflatable Restraint System	Standard/Optional	
	Type of charging system	
	Location (sig. whl., instru. panel, other)	
Passive Seat Belts	Standard/Optional	
	Power/Manual	
	2 or 3 point	
	Knee bar/Lap belt	

**Frame**

Type and description (Separate frame, unitized frame, partially-unitized frame)	BODY-FRAME INTEGRAL WITH SEPARATE PARTIAL FRAME
---	---

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Body Type	
2-DOOR SPORT COUPES	
1FP87	1FS87

**Convenience Equipment**

Power windows	Side Windows	OPTIONAL
	Vent Windows	N.A.
	Backlight or tailgate	N.A.
Power seats (specify type as well as availability)		N.A.
Reclining front seat back (R-L or both)		N.A.
Radios (specify type as well as availability)		OPTIONAL-AM PUSH-BUTTON, AM/FM PUSH-BUTTON, AM/FM STEREO, AM/FM STEREO AND 8-TRACK TAPE PLAYER (a)
Rear seat speaker		OPTIONAL
Power antenna		OPTIONAL (INCLUDED WITH CB RADIO)
Clock		OPTIONAL STANDARD
Air Conditioner (specify type)		OPTIONAL - FOUR SEASON, MANUAL CONTROL
Speed warning device		N.A.
Speed control device		OPTIONAL
Ignition lock lamp		N.A.
Dome lamp		STANDARD
Glove compartment lamp		OPTIONAL STANDARD
Luggage compartment lamp		OPTIONAL
Underhood lamp		OPTIONAL
Courtesy lamp		OPTIONAL
Map lamp		N.A.
Cornering lamp		N.A.
Rear window defroster electrically heated		OPTIONAL
Rear window defogger		N.A.
Theft protection — type		LOCK MOUNTED ON STEERING COLUMN, LOCKS STEERING WHEEL, TRANSMISSION SHIFT LEVERS AND IGNITION

- (a) RADIO AM/FM STEREO WITH CASSETTE TAPE PLAYER  
 RADIO AM/FM STEREO WITH CITIZEN'S BAND TRANSCEIVER

# MVMA Specifications Form

## Passenger Car

**METRIC (U.S. Customary)**

Car Line CAMARO

Model Year 1981 Issued 9-80 Revised (•) \_\_\_\_\_

[illegible]

\*Reference — SAE J1100a, Motor Vehicle Dimensions, Curb Weight Definition.

**\*\*Shipping Mass (Weight) definition —**

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

Car Line CAMARO  
 Model Year 1981 Issued 9-80 Revised (•) \_\_\_\_\_

Equipment	Optional Equipment Differential Mass (Weight)*			Remarks
	MASS. kg. (Weight, lb.)			
	Front	Rear	Total	
Air Conditioning	35.4	4.4	39.8	With LC3 V6 Engine
	(+78.0)	(+ 9.8)	(+87.8)	
	27.2	3.4	30.6	With LD5 V6 Engine
	(+60.0)	(+ 7.4)	(+67.4)	
	35.8	4.4	40.2	With LG4, L39, LM1, V8 Engine
	(+79.0)	(+ 9.8)	(+88.8)	
Power Door Locks	0.6	1.2	1.8	
	(+ 1.4)	(+ 2.6)	(+ 4.0)	
Power Windows	1.6	1.6	3.2	
	(+ 3.6)	(+ 3.6)	(+ 7.2)	
Floor Mats Front & Rear	2.4	1.4	3.8	
	(+ 5.2)	(+ 3.0)	(+ 8.2)	
Spoiler-Rear	- 1.4	5.8	4.4	
	(- 3.0)	(+12.8)	(+ 9.8)	
Removable Hatch Panels	6.0	11.4	17.4	
	(+13.2)	(+25.2)	(+38.4)	
Sport Suspension	2.2	5.8	8.0	
	(+ 4.8)	(+12.8)	(+17.6)	
Rally Wheels, Hub Caps & Trim Rings	0.6	0.6	1.2	With N65
	(+ 1.4)	(+ 1.4)	(+ 2.8)	
Urethane Styled Steel Wheel 14 x 7	5.4	5.4	10.8	Optional - 1FP87
	(+12.0)	(+12.0)	(+24.0)	
Wheel - Aluminum	- 1.6	- 1.6	- 3.2	1FP87
	(- 3.6)	(- 3.6)	(- 7.2)	
	- 5.8	- 5.8	-11.6	
	(-12.8)	(-12.8)	(-25.6)	1FS87
	- 6.2	- 6.2	-12.4	
	(-13.6)	(-13.6)	(-27.2)	1FP87 & Z28
Radio AM push-button	1.6	0.8	2.4	
	(+ 3.6)	(+ 1.8)	(+ 5.4)	
Radio AM/FM push-button	2.4	0.6	3.0	
	(+ 5.2)	(+ 1.4)	(+ 6.6)	
Radio AM/FM Stereo	2.2	0.8	3.0	
	(+ 4.8)	(+ 1.8)	(+ 6.6)	

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

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

Car Line CAMARO  
 Model Year 1981 Issued 9-80 Revised (•) \_\_\_\_\_

Equipment	Optional Equipment Differential Mass (Weight)*			Remarks
	MASS. kg (Weight, lb.)			
	Front	Rear	Total	
Radio AM/FM Stereo & 8-Track Tape	3.0 (+ 6.6)	1.0 (+ 2.2)	4.0 (+ 8.8)	
Radio AM/FM Stereo & Cassette Tape	2.8 (+ 6.2)	1.0 (+2.2)	3.8 (+ 8.4)	
Radio AM/FM Stereo With Citizens Band Transceiver	2.8 (+ 6.2)	0.8 (+ 1.8)	3.6 (+ 8.0)	
Auxiliary Speaker	0 (0)	1.2 (+ 2.6)	1.2 (+ 2.6)	
Special Performance Z28 Package	20.4 (+45.0)	8.4 (+18.6)	28.8 (+63.6)	
231 CID V6 Engine RPO LD5	20.8 (+45.8)	2.4 (+ 5.2)	23.2 (+51.0)	1FP87
	21.4 (+47.2)	2.4 (+ 5.2)	23.8 (+52.4)	1FS87
267 CID V8 Engine RPO L39	70.0 (+154.4)	7.0 (+15.4)	77.0 (+169.8)	
305 CID V8 Engine RPO LG4	71.2 (+157.0)	8.0 (+17.6)	79.2 (+174.6)	
350 CID V8 Engine RPO LM1	71.0 (+156.6)	11.6 (+25.6)	82.6 (+182.2)	
4-Speed Transmission	1.6 (+ 3.6)	0.8 (+ 1.8)	2.4 (+ 5.4)	
3-Speed Automatic Trans.	10.4 (+23.0)	5.2 (+11.4)	15.6 (+34.4)	With LC3 V6 Engine
	13.0 (+28.6)	6.6 (+14.6)	19.6 (+43.2)	With LD5 V6 Engine
	15.8 (+34.8)	8.2 (+18.0)	24.0 (+52.8)	With L39 V8 Engine
	7.8 (+17.2)	3.8 (+ 8.4)	11.6 (+25.6)	With LG4 V8 Engine
	4.8 (+10.6)	2.4 (+ 5.2)	7.2 (+15.8)	With LM1 V8 Engine

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

# MVMA Specifications Form

## Passenger Car

### METRIC (U.S. Customary)

#### Car and Body Dimensions 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.

Car Line CAMARO

Model Year 1981 Issued 9-80 Revised (\*)

#### Body Type

SAE Ref. No.	2-DOOR SPORT COUPES
	1FP87 1FS87

#### Width

Tread — Front	W101	1557 (61.3)	1565 (61.6)
Tread — Rear	W102	1524 (60.0)	1532 (60.3)
Vehicle width	W103	1915 (74.5)	
Body width at Sg RP — front	W117	--	
Vehicle width — front doors open	W120	3569 (140.5)	
Vehicle width — rear doors open	W121	--	

#### Length

Wheelbase	L 101	2743 (108.0)
Vehicle length	L 103	5019 (197.6)
Overhang — front	L 104	1113 (43.8)
Overhang — rear	L 105	1163 (45.8)
Upper structure length	L 123	2393 (94.2)
Rear wheel C/L "X" coordinate	L 127	2202 (86.7)
Cowl point "X" coordinate	L 125	239 (9.4)

#### Height \*\*

Passenger Distribution (frt./rear)	PD1,2,3	--
Trunk/Cargo load		--
Vehicle height	H 101	1273 (50.1)
Cowl point to ground	H 114	912 (35.9)
Deck point to ground	H 138	
Rocker panel front to ground	H 112	188 (7.4)
Bottom of door closed - front to grd.	H 133	284 (11.2)
Rocker panel rear to ground	H 111	175 (6.9)
Bottom of door closed - rear to grd.	H 135	--

#### Ground Clearance \*\*

Front bumper to ground	H102	243 (9.6)
Rear bumper to ground	H104	325 (12.8)
Bumper to ground — front at curb mass (wt.)	H103	264 (10.4)
Bumper to ground — rear at curb mass (wt.)	H105	349 (13.8)
Angle of approach @ GVW	H106	17.6°
Angle of departure @ GVW	H107	17.4°
Ramp breakover angle @ GVW	H147	13.5°
Rear axle differential to ground	H153	307 (12.1)
Min. running ground clearance	H156	129 (5.1) (a)
Location of min. run. grd. clear.		(a) FRONT CROSSMEMBER

All linear dimensions are in millimeters (inches) and all mass (weight) specifications are in kilograms (pounds).

\*\* All vehicle height and ground clearances are made using EPA loaded vehicle weight, loading conditions.

EPA LOADED VEHICLE WEIGHT is the base vehicle weight plus all coolant and fluids necessary for operation plus 100% of the fuel capacity, plus the weight of all options and accessories which weigh three pounds or more and which are sold on at least 33% of the car line, plus two occupants.

**MVMA Specifications Form****Passenger Car****METRIC (U.S. Customary)****Car and Body Dimensions** See Key Sheets for definitionsCar Line CAMAROModel Year 1981 Issued 9-80 Revised (\*) \_\_\_\_\_**Body Type**

SAE Ref. No.	2-DOOR SPORT COUPES	
	1FP87	1FS87

**Front Compartment**

Sg RP front, "X" coordinate	L31	1087 ( 42.8)
Effective head room	H61	937 ( 36.9)
Effective T Point head room	H75	942 ( 37.1)
Max. eff. leg room — accelerator	L34	1115 ( 43.9)
Sg RP — front to heel	H30	155 ( 6.1)
Design H-point front travel	L17	127 ( 5.0)
Shoulder room	W3	1458 ( 57.4)
Hip room	W5	1405 ( 55.3)
** Upper body opening to ground	H50	
Steering Wheel Angle	H18	17.6°
Back Angle	L40	26.0°

**Rear Compartment**

Sg RP Point couple distance	L50	693 ( 27.3)
Effective head room	H63	907 ( 35.7)
Effective T Point head room	H78	902 ( 35.5)
Min. effective leg room	L51	721 ( 28.4)
Sg RP — second to heel	H31	213 ( 8.4)
Knee clearance	L48	-64 ( -2.5)
Compartment room	L3	577 ( 22.7)
Shoulder room	W4	1382 ( 54.4)
Hip room	W6	1176 ( 46.3)
** Upper body opening to ground	H51	--

**Luggage Compartment**

Usable luggage capacity — L(cu. ft.)	V1	260.5 L ( 9.2 CU.FT.)
** Liftover height	H195	743 ( 29.3)

All linear dimensions are in millimeters (inches).

**\*\* EPA LOADED VEHICLE WEIGHT, LOADING CONDITIONS**

ALL INTERIOR DIMENSIONS ARE MEASURED WITH THE SEATING REFERENCE POINT (SgRP) FULL REAR AND \_\_\_\_\_ mm UPWARD OF REARMOST SEAT POSITION.



# MVMA Specifications Form

## Passenger Car

METRIC (U.S. Customary)

Car and Body Dimensions See Key Sheets for definitions

Car Line CAMARO

Model Year 1981 Issued 9-80 Revised (\*) \_\_\_\_\_

### Body Type

SAE Ref. No.	2-DOOR SPORT COUPES	
	1FP87	1FS87

### Station Wagon — Third Seat

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

### Station Wagon — Cargo Space

Cargo length — open — front	L 200	
Cargo length — open — second	L 201	
Cargo length — closed — front	L 202	
Cargo length — closed — second	L 203	NOT
Cargo length at belt — front	L 204	APPLICABLE
Cargo length at belt — second	L 205	
Cargo width — wheelhouse	W 201	
Rear opening width at floor	W 203	
Opening width at belt	W 204	
Max. rear opening width above belt	W 205	
Cargo height	H 201	
Rear opening height	H 202	
Tail gate to ground height (Curb)	H 250	
Front seat back to load floor height	H 197	
Cargo volume index — m <sup>3</sup> (ft. <sup>3</sup> )	V 2	
Hidden cargo volume — m <sup>3</sup> (ft. <sup>3</sup> )	V 4	

### Hatchback — Cargo Space

Front seat back to load floor height	H 197	
Cargo length at front seat		
Back Height	L 208	NOT
Cargo length at floor — front	L 209	APPLICABLE
Cargo volume index — m <sup>3</sup> (ft. <sup>3</sup> )	V 3	
Hidden cargo volume — m <sup>3</sup> (ft. <sup>3</sup> )	V 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.

All dimensions are in millimeters (Inches).

# MVMA Specifications Form

## Passenger Car

METRIC (U.S. Customary)

Car and Body Dimensions See Key Sheets for definitions

Car Line CAMARO  
Model Year 1981 Issued 9-80 Revised (\*)

### Body Type

2-DOOR SPORT COUPES		
1FP87		1FS87

### Vehicle Fiducial Marks

Fiducial Mark Number *		Define Coordinate Location
Front	X	Fiducial mark to vertical base grid line-front, measured horizontally from the base grid line to the front fiducial mark located on top of the front seat adjuster mounting bolt.
	Y	Fiducial mark to centerline of car-front, width measurement made from centerline of car to fiducial mark located on top of the front seat adjuster mounting bolt.
	Z	Fiducial mark to horizontal base grid line-front, measured vertically from base grid line to front fiducial mark located on top of the front seat adjuster mounting bolt.
Rear	X	Fiducial mark to vertical base grid line-rear measured horizontally from base grid line to the 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 base grid line-rear, measured vertically from base grid line to the rear fiducial mark located on rear underbody crossbar.
Front	W21	540.0 (21.3)
	L54	701.8 (27.6)
	H81	128.0 ( 5.0)
	H161	278.7 (11.0)
	** H163	256.7 (10.1)
Rear	W22	589.3 (23.2)
	L55	1905.0 (75.0)
	H82	21.8 ( 0.9)
	H162	170.4 ( 6.7)
	** H164	147.5 ( 5.8)

\*Reference — SAE Recommended Practice, J182a, A Motor Vehicle Fiducial Marks — September, 1973.  
All linear dimensions are in millimeters (inches).

\*\* EPA LOADED VEHICLE WEIGHT, LOADING CONDITIONS  
MVMA-C-81

# MVMA Specifications Form

## Passenger Car

METRIC (U.S. Customary)

Car and Body Dimensions See Key Sheets for definitions

Car Line CAMARO

Model Year 1981 Issued 9-80 Revised (\*)

### Body Type

SAE Ref. No.	2-DOOR SPORT COUPES
	1FP87
	1FS87

### Glass

Backlight slope angle	H121	
Windshield slope angle	H122	57.4°
Tumble-Home	W122	31.5°
Windshield glass exposed surface area — cm <sup>2</sup> (in. <sup>2</sup> )	S1	7339.3 (1137.6)
Side glass exposed surface area — cm <sup>2</sup> (in. <sup>2</sup> )	S2	7353.5 (1139.8)
Backlight glass exposed surface area — cm <sup>2</sup> (in. <sup>2</sup> )	S3	7823.9 (1212.7)
Total glass exposed surface area — cm <sup>2</sup> (in. <sup>2</sup> )	S4	22516.7(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 (H127)	Highest **	649 (25.5)
		Lowest	---
	Tail (H128)	Highest	634 (24.9)
		Lowest	---
	Sidemarker	Front	577 (22.7)
		Rear	610 (24.0)
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

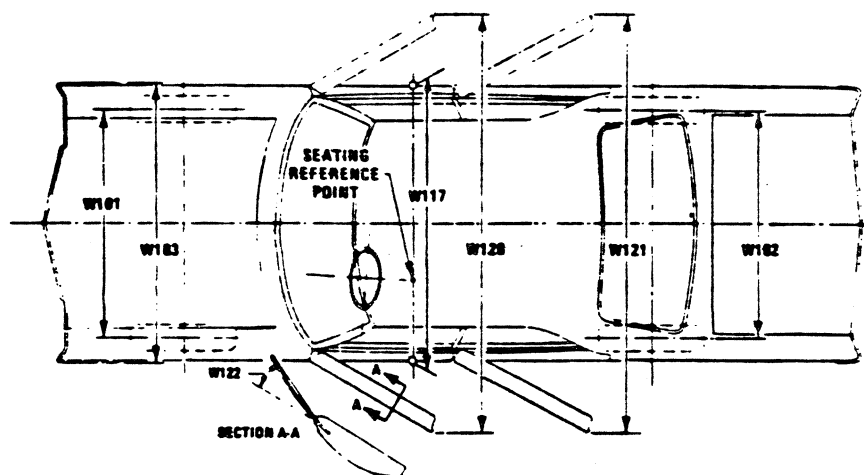
# MVMA Specifications Form

## Passenger Car

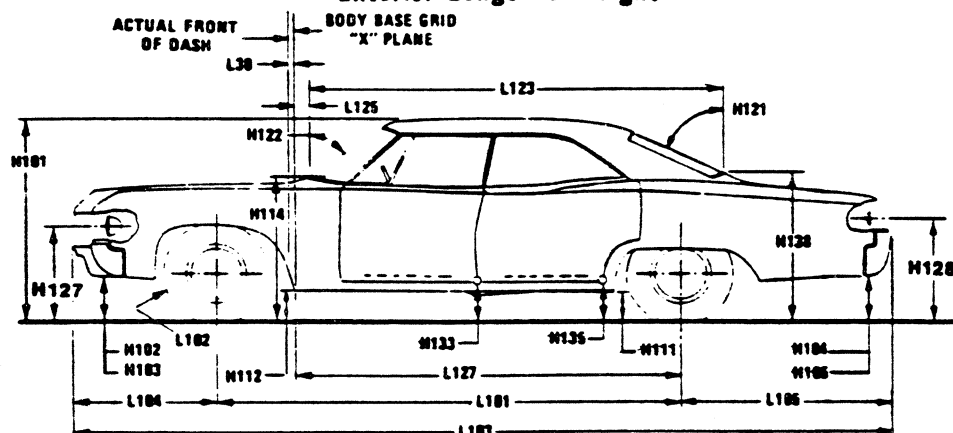
**METRIC (U.S. Customary)**

## Exterior Car And Body Dimensions — Key Sheet

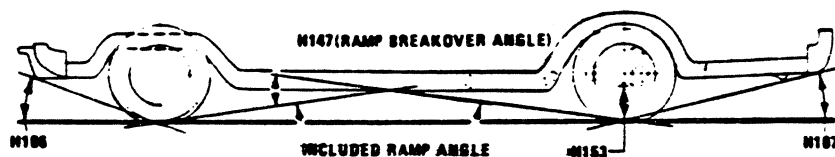
### Exterior Width



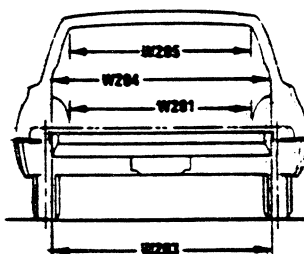
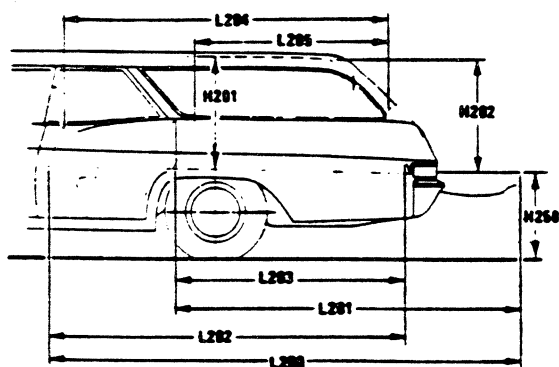
### Exterior Length & Height



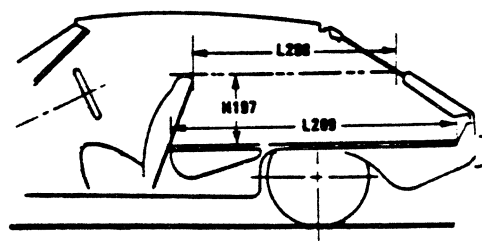
### Exterior Ground Clearance



## Cargo Space



## Station Wagon

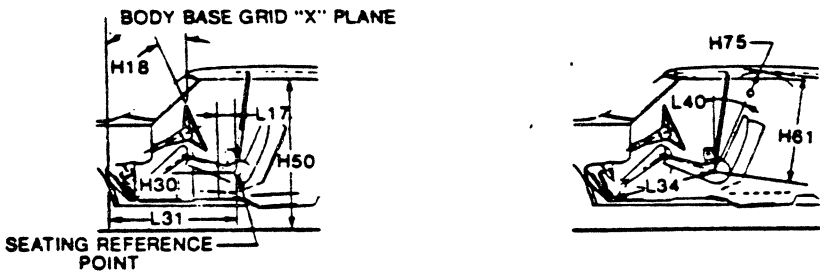


## Hatchback

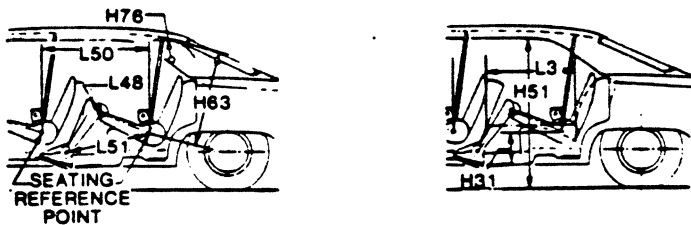
MVMA Specifications Form  
Passenger Car  
METRIC (U.S. Customary)

Interior Car And Body Dimensions — Key Sheet

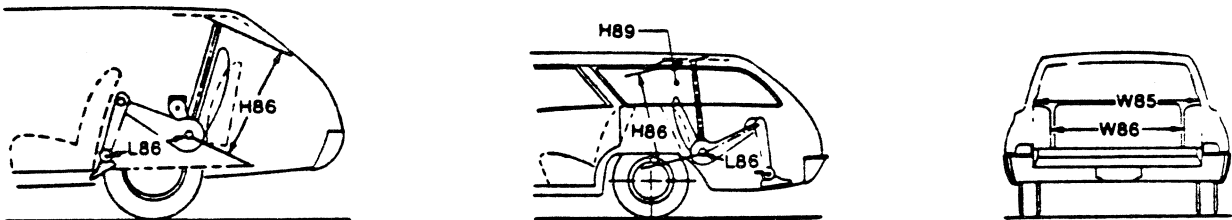
Front Compartment



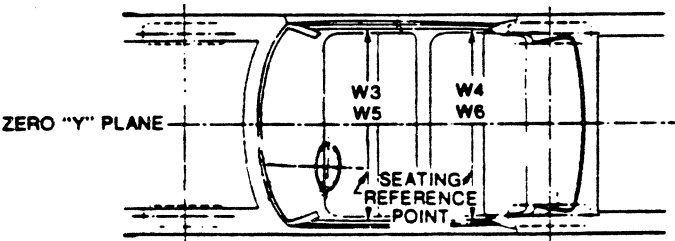
Rear Compartment



Third Seat



Interior Width



# MVMA Specifications Form

## Passenger Car

METRIC (U.S. Customary)

### Exterior Car And Body Dimensions — Key Sheet Dimensions Definitions

#### Seating Reference Point

SEATING REFERENCE POINT means the manufacturer's design reference point which —

- (a) Establishes the rearmost normal design driving or riding position of each designated seating position in a vehicle;
- (b) Has coordinates established relative to the design vehicle structure;
- (c) Simulates the position of the pivot center of the human torso and thigh; and
- (d) Is the reference point employed to position the two dimensional templates described in SAE Recommended Practice J826, "Manikins for Use in Defining Vehicle Seating Accommodations," November 1962.

#### Width Dimensions

- W101 TREAD — FRONT. The dimension measured between the tire centerlines at the ground.
- W102 TREAD — REAR. The dimension measured between the tire centerlines at the ground. In case of dual wheels, the dimension will be measured to the centerline of tire and wheel assemblies.
- W103 VEHICLE WIDTH. The maximum dimension measured between the widest point on the vehicle, excluding exterior mirrors, flexible mud flaps, marker lamps, but including bumpers, moldings, sheet metal protrusions or dual wheels, if standard equipment.
- W117 BODY WIDTH AT SgRP — FRONT. The dimension measured laterally between the widest points on the body at the SgRP — front, excluding door handles, applied moldings, or appliques.
- W120 VEHICLE WIDTH — FRONT DOORS OPEN. The dimension measured between the widest point on the front doors in maximum hold-open position.
- W121 VEHICLE WIDTH — REAR DOORS OPEN. The dimension measured between the widest point on the rear doors in maximum hold-open position. For vehicles with a rear door on only one side, this dimension is to the zero "Y" plane.
- W122 TUMBLE HOME. STRAIGHT SIDE GLASS. The angle measured from a vertical to the outside surface of the front door glass at the SgRP "X" plane.  
CURVED SIDE GLASS. The angle measured from a vertical to a chord extending from the upper DLO to the lower DLO at the outside surface of the front door glass at the front SgRP "X" plane.

#### Length Dimensions

- L30 FRONT OF DASH "X" COORDINATE. A minus (–) dimension indicates actual front of dash is forward of the zero "X" plane.
- L101 WHEELBASE (WB). The dimension measured longitudinally between front and rear wheel centerlines. In case of dual rear axles, the dimension shall be to the midpoint of the centerlines of the rear wheels.
- L102 TIRE SIZE. As specified by the manufacturer.
- L103 VEHICLE LENGTH. The maximum dimension measured longitudinally between the foremost point and the rearmost point on the vehicle, including bumper, bumper guards, two hooks and/or rub strips, if standard equipment.
- L104 OVERHAND — FRONT. The dimension measured longitudinally from the centerline of the front wheels to the foremost point on the vehicle including bumper, bumper guards, two hooks and/or rub strips, if standard equipment.
- L105 OVERHAND — 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, two 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.
- H127 HEADLAMP TO GROUND — CURB WEIGHT. The dimension measured vertically from the centerline of the lowest headlamp lens to ground.
- H128 TAILLAMP TO GROUND — CURB WEIGHT. 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.
- H103 FRONT BUMPER TO GROUND — CURB WEIGHT. Measured in the same manner as H104.
- H104 REAR BUMPER TO GROUND. The minimum dimension measured vertically from the lowest point on the rear bumper to ground, including bumper guards, if standard equipment.
- H105 REAR BUMPER TO GROUND — CURB WEIGHT. Measured in the same manner as H104.
- H106 ANGLE OF APPROACH. The angle measured between a line tangent to the front tire static loaded radius are the initial point of structural interference forward of the front tire to ground. The limiting structural component shall be designated.

# MVMA Specifications Form

## Passenger Car

METRIC (U.S. Customary)

### Interior Car And Body Dimensions — Key Sheet Dimensions Definitions

- H107 ANGLE OF DEPARTURE. The angle measured between a line tangent to the rear tire static loaded radius are the initial point of structural interference rearward of the rear tire to ground. The limiting component shall be designated.
- H147 REAR BREAKOVER ANGLE. The angle measured between two lines tangent to the front and rear tire static loaded radius and intersecting at a point on the underside of the vehicle which defines the largest ramp over which the vehicle can roll.
- H153 REAR AXLE DIFFERENTIAL TO GROUND. The minimum dimension measured from the rear axle differential to ground.
- H156 MINIMUM RUNNING GROUND CLEARANCE. The minimum dimension measured from the sprung vehicle to ground. Specify location.
- Front Compartment Dimensions**
- PD1 PASSENGER DISTRIBUTION — FRONT.
- L31 SgRP — FRONT "X" COORDINATED.
- H61 EFFECTIVE HEAD ROOM — FRONT. The dimension measured along a line 8 deg. rear of vertical from the SgRP — front to the headline, plus 4.0 in. (102 mm).
- H75 EFFECTIVE T-POINT HEAD ROOM — FRONT. The minimum radius from the T-point to the headlining plus 30 in. (762 mm).
- L34 MAXIMUM EFFECTIVE LEG ROOM — ACCELERATOR. The dimension measured along a line from the ankle pivot center to the SgRP — front plus 10.0 in. (254 mm) measured with right foot on the undepressed accelerator pedal. For vehicles with SgRP to heel (H30) greater than 18 in., the accelerator pedal may be depressed as specified by the manufacturer. If the accelerator is depressed, the manufacturer shall place foot flat on pedal and note the depression of the pedal.
- H30 SgRP — FRONT TO HEEL. The dimension measured vertically from the SgRP — front to the accelerator heel point.
- L17 DESIGN H-POINT — FRONT TRAVEL. The dimension measured horizontally between the design H-point — front in the foremost and rearmost seat trace 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 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 on the open tailgate or cargo floor surface if the rear closure is a conventional door type tailgate, at the zero "Y" plane.
- L202 CARGO LENGTH — CLOSED — FRONT. The minimum dimension measured horizontally from the back of the front seat at the height of the undepressed floor covering to the rearmost point on the undepressed floor covering on the closed tailgate or taildoor for station wagons, trucks and mpv's at the zero "Y" plane.

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

**Interior Car And Body Dimensions — Key Sheet**  
**Dimensions Definitions**

- L203 CARGO LENGTH — CLOSED — SECOND.** The dimension measured horizontally from the back of the second seat at the height of the undepressed floor covering to the rearmost point on the undepressed floor covering on the closed tailgate or taildoor for station wagons, trucks and mpv's at the zero "Y" plane.
- L204 CARGO LENGTH AT BELT — FRONT.** The minimum dimension measured horizontally from the back of the front seatback at the seatback top to the foremost normal surface of the closed tailgate or inside surface of the cab back panel at the height of the belt, on the zero "Y" plane.
- L205 CARGO LENGTH AT BELT — SECOND.** The minimum dimension measured horizontally from the back of the second seatback at the seatback top to the foremost normal surface of the closed tailgate at the height of the belt, on the zero "Y" plane.
- W201 CARGO WIDTH — WHEELHOUSE.** The minimum dimension measured laterally between the trimmed wheelhousings at floor level. For any vehicle not trimmed, measure the sheet metal.
- W203 REAR OPENING WIDTH AT FLOOR.** The minimum dimension measured laterally between the limiting interferences of the rear opening at floor level.
- W204 REAR OPENING WIDTH AT BELT.** The minimum dimension measured laterally between the limiting interferences of the rear opening at belt height or top of pick up box.
- W205 REAR OPENING WIDTH ABOVE BELT.** The minimum dimension measured laterally between the limiting interferences of the rear opening above the belt height.
- H201 CARGO HEIGHT.** The dimension measured vertically from the top of the undepressed floor covering to the headlining at the rear wheel "X" coordinated on the zero "Y" plane.
- H202 REAR OPENING HEIGHT.** The dimension measured vertically from the top of the undepressed floor covering to the upper trimmed opening on the zero "Y" plane with rear door fully open.
- H250 TAILGATE TO GROUND (CURB WEIGHT).** The dimension measured vertically from the top of the undepressed floor covering on the lowered tailgate to ground on the zero "Y" plane.

- V2 STATION WAGON**  
 Measured in inches:  

$$\frac{W4 \times H201 \times L204}{1728} = \text{Ft.}^3$$
  
 Measured in mm:  

$$\frac{W4 \times H201 \times L204}{10^9} = \text{m}^3 \text{ (cubic meter)}$$
- V4 HIDDEN CARGO VOLUME.** As specified by the manufacturer.

**Hatchback — Cargo Space Dimensions**  
 All hatchback cargo dimensions are to be taken with the front seat in full down and rear position, and the rear seat folded down. The hatchback door is in the closed position. (For electrically adjusted seats, see the 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:  

$$\frac{\frac{L208 + L209}{2} \times W4 \times H197}{1728} = \text{Ft.}^3$$
  
 Measured in mm:  

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



# MVMA Specifications Form

## Passenger Car

### METRIC (U.S. Customary)

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