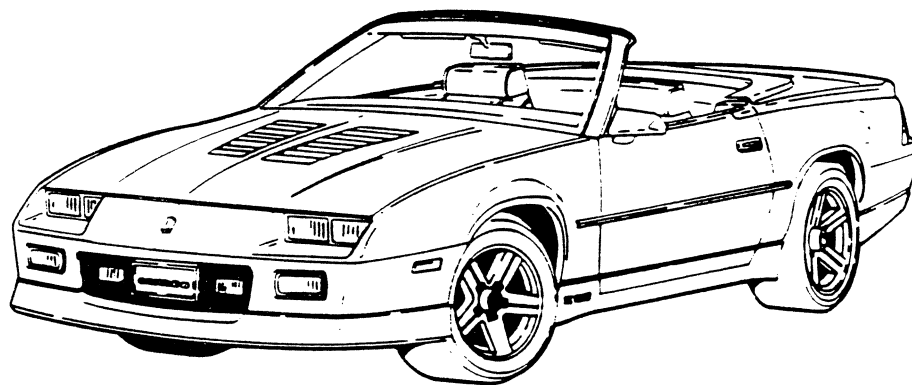


# CAMARO

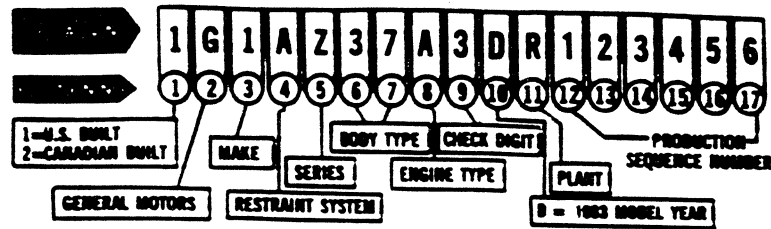
## 1983 SPECIFICATIONS



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



## 1983 PASSENGER CAR VIN SYSTEM



### 3 MAKE

1 - CHEVROLET 3 - OLDSMOBILE 8 - CADILLAC  
2 - PONTIAC 4 - BUICK 7 - GM OF CANADA

### 4 RESTRAINT SYSTEM

A - NON-PASSIVE/MANUAL BELTS

### 5 CARLINE SERIES

CHEVROLET  
B - CHEVETTE  
C - CAMALIER  
D - CAMALIER CS  
E - CAMALIER  
CS TYPE 10  
H - CITATION COUPE  
J - CHEVETTE SCOOTER  
L - IMPALA  
M - CAPRICE CLASSIC  
P - CAMARO SPORT COUPE  
S - CAMARO BERLINETTA  
W - CELEBRITY\*\*  
X - CITATION  
Y - CORVETTE  
Z - MONTE CARLO  
OLDSMOBILE  
B - OMEGA  
C - FIRENZA  
D - FIRENZA  
BROUGHAM  
E - OMEGA BROUGHAM  
G - CUTLASS CIERA  
H - CUTLASS CRUISER  
J - CUTLASS CIERA LS  
K - CUTLASS CALAIS  
L - DELTA 88  
M - CUTLASS SUPREME  
BROUGHAM  
N - CUTLASS CIERA  
BROUGHAM  
P - DELTA 88 ROYALE  
R - CUSTOM CRUISER  
S - CUTLASS SUPREME  
W - 98 REGENCY  
BROUGHAM  
X - 98 REGENCY  
Y - DELTA 88 ROYALE  
BROUGHAM  
Z - TORONADO  
BROUGHAM  
CADILLAC  
B - CANADA ONLY  
D - ACADIAN  
F - GRAND LEMANS  
J - ACADIAN SCOOTER  
L - PARISienne  
M - PARISienne  
BROUGHAM  
R - GRAND LEMANS  
BROUGHAM  
PONTIAC  
B - PONTIAC 2000  
C - PONTIAC 2000 LE  
D - PONTIAC 2000 SE  
F - PONTIAC 6000  
G - PONTIAC 6000 LE  
H - PONTIAC 6000 STE  
J - GRAND PRIZ  
K - GRAND PRIZ LJ  
L - PONTIAC 1000  
M - BONNEVILLE  
P - GRAND PRIZ  
BROUGHAM  
R - BONNEVILLE  
BROUGHAM  
S - FIREBIRD  
T - PHOENIX SJ  
W - FIREBIRD TRANS AM  
X - FIREBIRD SPECIAL  
EDITION  
Y - PHOENIX  
Z - PHOENIX LJ  
BUICK  
B - SKYLARK CUSTOM  
C - SKYLARK LIMITED  
D - SKYLARK T-TYPE  
E - SKYLARK T-TYPE  
G - CENTURY T-TYPE  
H - CENTURY CUSTOM  
J - REGAL  
K - REGAL T-TYPE  
L - CENTURY LIMITED  
M - REGAL LIMITED  
N - LE SABRE CUSTOM  
P - LE SABRE LIMITED  
R - LE SABRE ESTATE  
S - SKYLARK CUSTOM  
T - SKYLARK LIMITED  
V - ELECTRA ESTATE  
W - ELECTRA PARK AVENUE  
X - ELECTRA LIMITED  
Y - RIVIERA T-TYPE  
Z - RIVIERA LUXURY  
CADILLAC  
B - FLEETWOOD  
BROUGHAM  
D - DEVILLE  
F - FLEETWOOD  
LIMOUSINE  
G - CIMAIRON  
L - ELDORADO  
S - SEVILLE

\* BODY TYPES 19 and 27 ONLY  
\*\* BODY TYPES 35 and 69 ONLY  
\* BODY TYPES 47 and 69 ONLY

### 6-7 BODY TYPE

07 - COUPE - 2 DOOR HATCHBACK  
08 - SEDAN - 2 DOOR HATCHBACK  
11 - SEDAN - 2 DOOR NOTCHBACK  
18 - SEDAN - 4 DOOR NOTCHBACK  
22,33 - SEDAN - 4 DOOR ALUX. SEAT  
27 - COUPE - 2 DOOR NOTCHBACK  
35 - STATION WAGON - 4 DOOR  
37,47,57 - COUPE - 2 DOOR NOTCHBACK  
SPECIAL  
67 - COUPE - 2 DOOR  
CONVERTIBLE  
88 - SEDAN - 4 DOOR PLAIN BACK  
HATCHBACK  
88 - SEDAN - 4 DOOR NOTCHBACK  
77 - COUPE - 2 DOOR PLAIN BACK  
HATCHBACK  
87 - COUPE - 2 DOOR PLAIN BACK

### 8 ENGINE TYPE

CODE	DISP.	CYL.	CARB.	DIVISION NAME	PRODUCER
A	3.8	V6	200L	1,2,3,4,7	4
B	2.0	L4	200L	1,2,3,4,6	1
C	1.6	L4	200L	1,2,7	1
D	1.8	L4	DIESEL	1,2,7	(SUZU)
E	3.0	V6	200L	3,4	4
F	2.5	L4	200L	1,2	2
H	5.0	V8	400L	1,2,3,4,7	1,7
L	2.8	V6	200L	2	1
M	5.7	V8	DIESEL	1,2,3,4,6,7	3
P	2.0	L4	EFI	1,2,3,4,6	1
R	2.5	L4	EFI	1,2,3,4	2
S	5.0	V8	EFI	1,2	1
T	4.3	V6	DIESEL	1,2,3,4	3
V	4.3	V6	DIESEL	1,3,4	3
X	2.8	V6	200L	1,2,3,4	1,7*
Y	5.0	V8	400L	3,4	3
Z	2.8	V6	200L	1,2,3,4	1
0	1.8	L4	EFI	2,3,4	**
1	2.8	V6	200L	1,2	1
2	2.5	L4	EFI	1,2	2
4	4.1	V6	400L	3,4,6	4
5	2.5	L4	200L	1,2,3,4	2
6	5.7	V8	400L	1	1
6	6.0	V8	400L	6	6
8	5.7	V8	CFI	1	1
8	3.8	V6	400L,T	4	4
8	4.1	V8	DFI	6	6
8	6.0	V8	DFI	6	6
8	3.8	V6	200L	1	1
8	5.0	V8	400L	3	3

CFI = CROSS-FIRE INJECTION EFI = ELECTRONIC FUEL INJECTION  
DFI = DIGITAL FUEL INJECTION T = TURBOCHARGED  
\* OR GM MEXICO \*\* GM do BRAZIL

### 11 PLANT

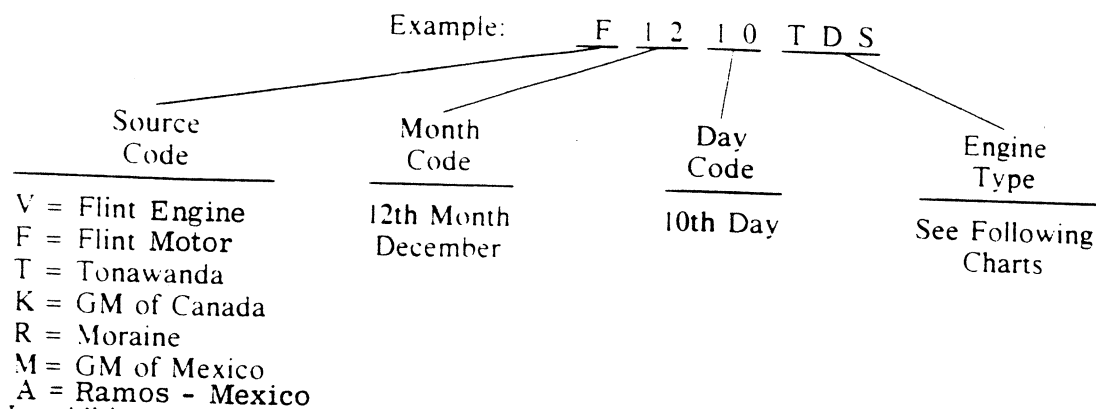
A - LAKEWOOD	CA - LEEDS	MO - TARRYTOWN	NY - 1 - WENTZVILLE	MD - 8 - BOWLING GREEN KY
B - BALTIMORE	MD - VAN NUYS	CA - 10 - HAMTRAMCK	MI - 1 - OSHAWA	ONT - 1 - LONDON
B - DORVILLE	CA - 10 - LANSING	MI - 1 - PONTIAC (GMC)	MI - 2 - MORRIS	ON - 10 - OKLAHOMA CITY OK
E - LINCOLN	NJ - 10 - NORWOOD	OH - 10 - WILLOW RUN	MI - 12 - STE. THERESE	PO - 7 - LORDSTOWN OH
F - FLINT (CHEV)	MI - 10 - PONTIAC	TX - 10 - FAIRFAX	KS - 12 - DETROIT (CHEV)	MI - 8 - SHREVEPORT LA
G - FRANKFORTH	MA - 10 - (PONT)	MI - 10 - WILMINGTON	DE - 12 - ST. ELISABETH	PO - 8 - FLORISSA JAP
H - FLINT (BUICK)	MI - 10 - ARLINGTON	TX - 10 - ST. LOUIS	MI - 4 - ORION	MI - 8 - DETROIT (CAD)
J - JAMESVILLE	WI - 10 - ST. LOUIS	MO - 10 - PONTIAC (GMC)	MI - 4 - SCARBOROUGH	ONT - 1 -

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

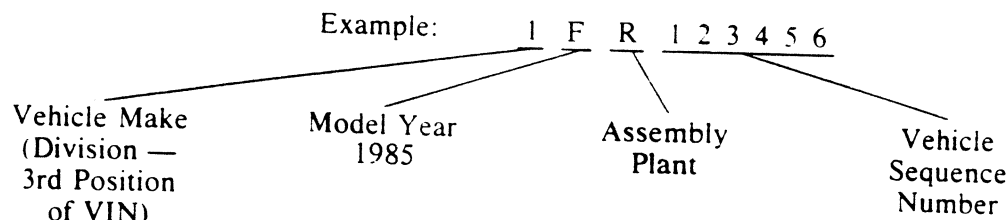
# ENGINE ASSEMBLY IDENTIFICATION

## 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

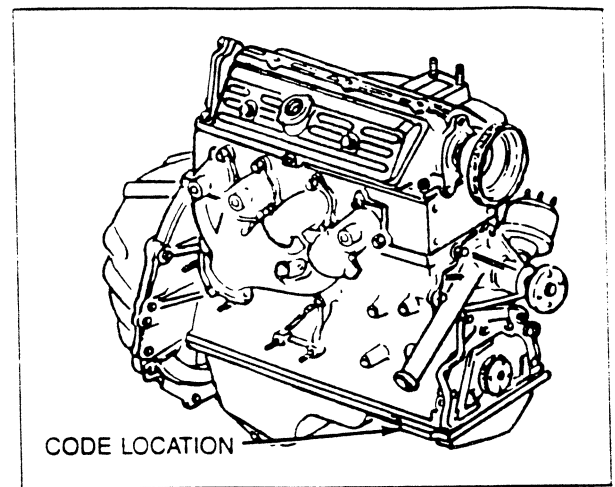
### (3) PLANT

- 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

### 1.6 LITER L-4 — CHEVROLET

The code is stamped on a pad at the front right side of the engine.

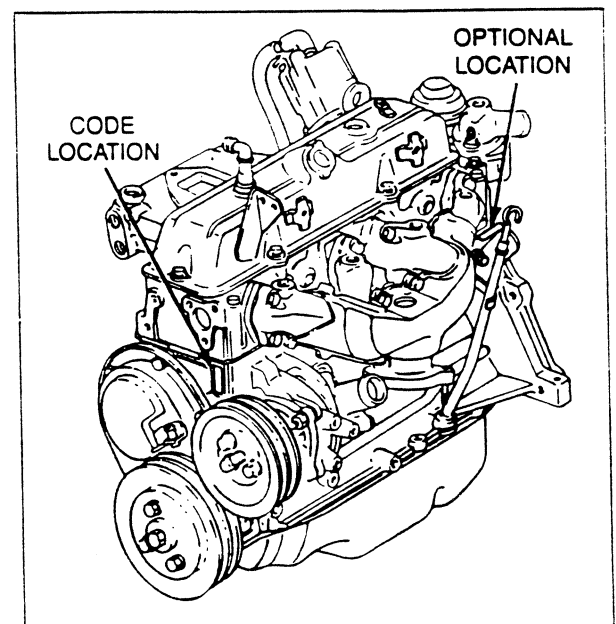


### 1.8 AND 2.0 LITER GASOLINE L-4 — CHEVROLET

The code is stamped on a pad at the front of the cylinder case.

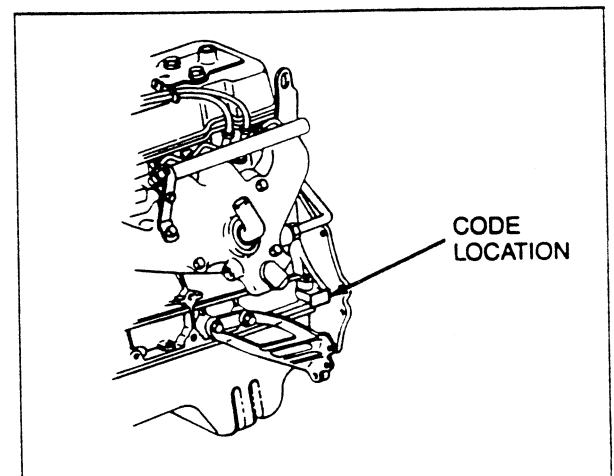
OR

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



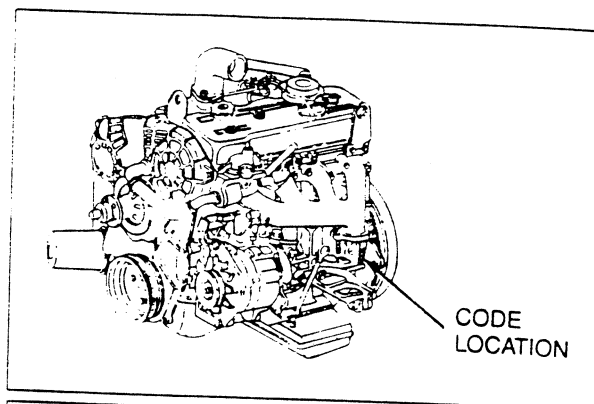
### 1.8 AND 1.9 LITER GASOLINE L-4 — ISUZU

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



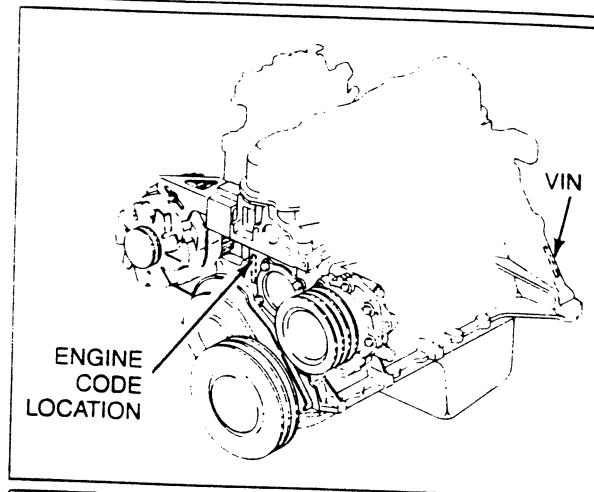
### 1.8 AND 2.2 LITER DIESEL L-4 — ISUZU

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

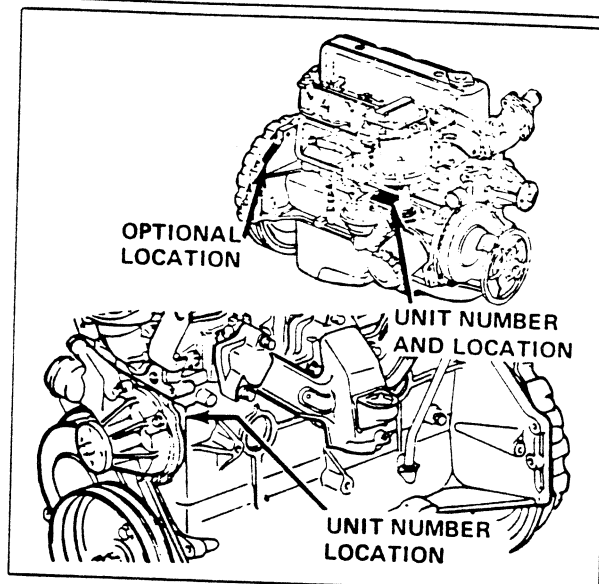
Since 1981, the code is on a sticker, placed on the timing gear cover. It is also stamped on the cylinder case, by the water pump, just below the head.



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.

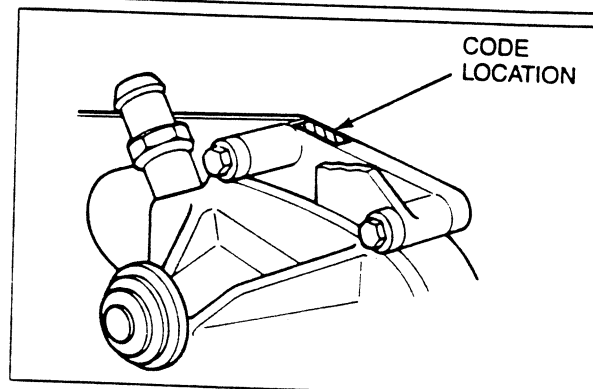


### 2.8 LITER GASOLINE 60° V-6 — CHEVROLET

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

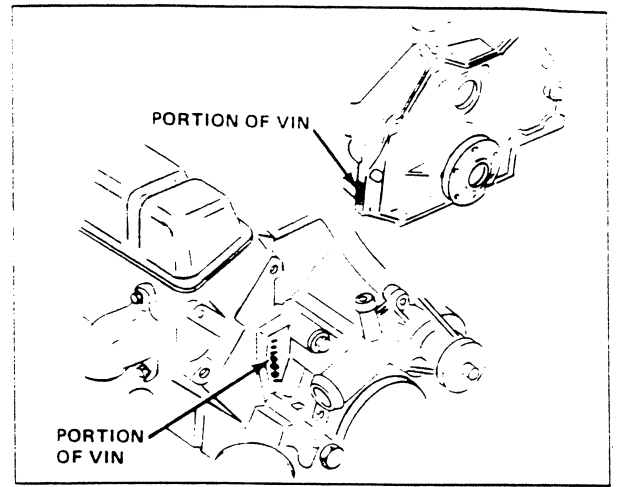
OR

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.

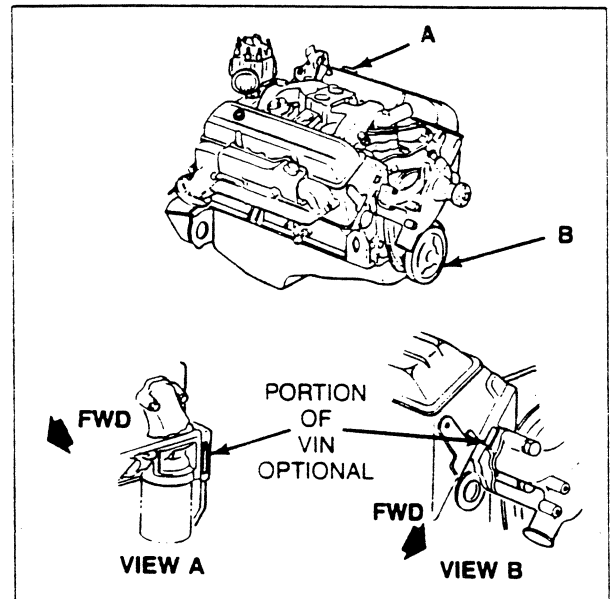


### 3.3, 3.8, 4.3, 4.4, 5.0, 5.7 AND 6.6 LITER GASOLINE 90° V-BLOCK — CHEVROLET

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.

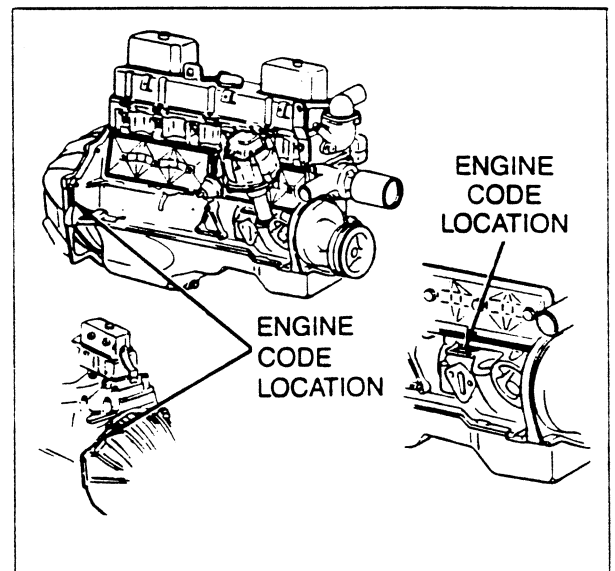


### 4.1 AND 4.8 LITER GASOLINE L-6 — CHEVROLET

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.



# ENGINE ASSEMBLY CODES IDENTIFICATION 1983

MV9 - 3 SPD A.T.  
THM200C

CN HF HL PS  
HB HH HO

MK4 - 5 SPD MAN.

ZN

MO8 - 4 SPD A.T.  
THM700R4

PQ YF YG YP

MK5 - 5 SPD MAN.

CAC

M26 - 4 SPD MAN.

RA

MO8 - 4 SPD MAN.

MK6 - 5 SPD MAN.

ZR

## 1983

2.5(151) - LQ8  
VIN F

YTZ YZZ YBS YBY

2.5(151) - LQ9  
VIN 2

YMM YMT YBM

2.8(173) - LC1  
VIN 1

DAF DAA DAD D6C  
DAJ DAB D6A D6D  
DAK DAC D6B

2.8(173) - LL1  
VIN L

DNV DNM DNZ

5.0(305) - LG4  
VIN H

D5B DDH D5F DDS  
DDB DDJ D5H DDM  
DDC DDK DGN DSD  
DDD D5C D5R DDW  
DDF DDN

5.0(305) - LU5  
VIN S

DDA DUA DUK DDY  
DUT

5.0(305) - L69  
VIN 7

DDY DUT DDZ  
DUB DUN

## 1983

VIN CODE	CUBIC DISP	LITER TYPE	ENGINE TYPE	TYPE TYPE	ENGINE OPT.	SERIES USAGE	TRANSMISSION USAGE
F	151	2.5	L4	2	LQ8	F	MV9, MK5, M26
2	151	2.5	L4	TBI	LQ9	F	MV9, MK4, M26
1	173	2.8	V6	2	LC1	F	MV9, MK5
L	173	2.8	V6	2	LL1*	F	MV9
H	305	5.0	V8	4	LG4	F	MV9, MK6
7	305	5.0	V8	4	L69	F	MK6, M08
S	305	5.0	V8	TBI	LU5	F	M08

\*HI-OUTPUT

## TRANSMISSION IDENTIFICATION

## ASSEMBLY CODE TO TRANSMISSION 1983

CN - MV9	HL - MV9	RA - M26	ZN - MK4
HB - MV9	HO - MV9	YF - M08	ZR - MK6
HF - MV9	PQ - M08	YG - M08	CAC - MK5
HH - MV9	PS - MV9	YP - M08	

## TRANSMISSION TO ASSEMBLY CODES

NOTE: Transmission identification can be located in one of three positions on the transmission

- Identification plate on side of case
- Stamping number on governor cover
- Ink stamped on bell housing

### AUTO TRANS.

MV9	THM200C	3 SPEED
M08	THM700R4	4 SPEED

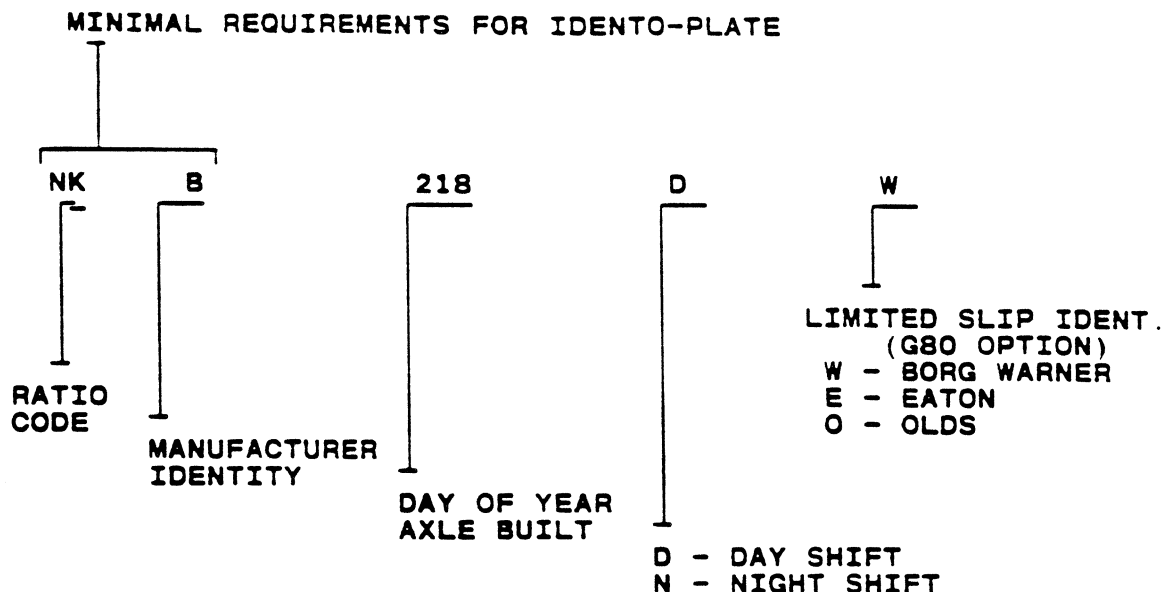
### MAN. TRANS.

MK5	5 SPEED
M08	4 SPEED
M26	4 SPEED
MK4	5 SPEED
MK6	5 SPEED

# 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



## MANUFACTURER IDENTITY

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

## AXLE IDENTIFICATION CODES

(\*INDICATES POSITRACTION)

1983

2.73 RATIO CODE	GU2 OPTION RING GEAR
--------------------	-------------------------

PW*	7.50
-----	------

3.23 RATIO CODE	GU5 OPTION RING GEAR
--------------------	-------------------------

KH	7.50
JZ*	7.50
JH	7.50
PZ*	7.50

2.93 RATIO CODE	GU3 GW9 OPTION RING GEAR
--------------------	--------------------------------

KF	7.50
JX*	7.50
JF	7.50
PX*	7.50

3.42 RATIO CODE	GU6 OPTION RING GEAR
--------------------	-------------------------

JR*	7.50
JJ	7.50

3.08 RATIO CODE	GU4 OPTION RING GEAR
--------------------	-------------------------

KG	7.50
JY*	7.50
JG	7.50
PY*	7.50

3.73 RATIO CODE	GT4 OPTION RING GEAR
--------------------	-------------------------

JQ*	7.50
JK	7.50
PQ*	7.50

## Paint Codes

### 1983 Passenger Car and Light Duty Truck Paint Codes

The following tables reflect the Chevrolet Passenger Car and Truck exterior and interior paint colors and stock codes released for the 1983 model year.

#### 1983 PASSENGER CAR EXTERIOR COLORS

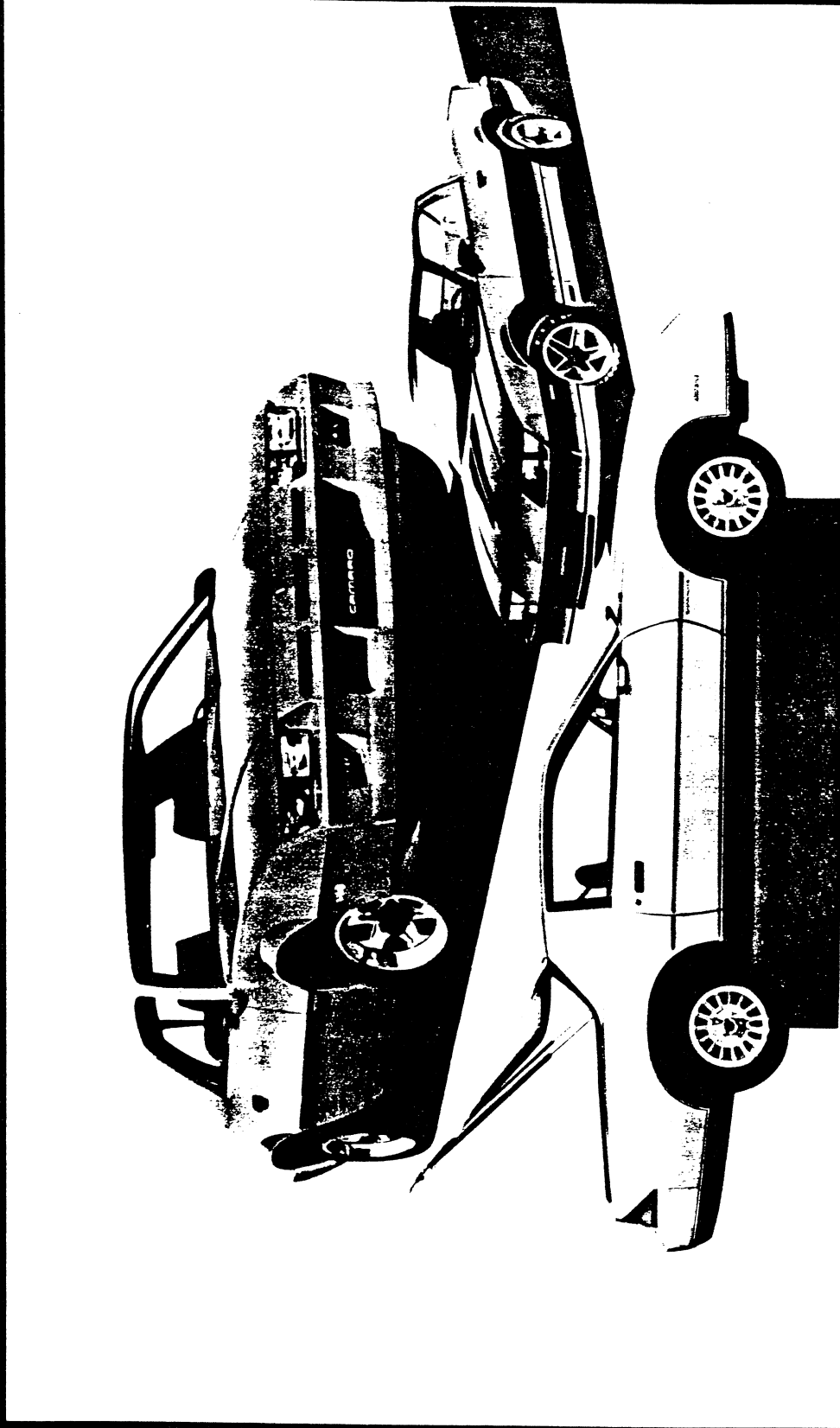
Paint Color Code	Color Name	Fisher WA Number	Dupont	Martin-Senour	Sherwin-Williams	DDL-DAR Ditzler Code	Finished Mason
					Acme-Rogers		
19	Black	848	99	3069	L10B-1738	9300	A946
11	White	3967	5338	30-3929	3000-4590	2058	2080
					L10A-2864		
75	Spectra Red	7211	B8115	30-4989	5644		
73	Light Maple Metallic	8491	B8108	30-5263	31056	3332	12229V
59	Frost Beige	8509	45205	30-5262	33488	3331	
48	Dark Gray Fern Metallic	7684	B8303	30-5180	33479	3087	
27	Dark Blue Metallic	7686	B8304	30-5179	32702	3528	13115
67	Dark Brown Metallic	7688	B8305	30-5183	32701	3525	13100
60	Sand Gray	7690	B8307	30-5182	32705	3534	13127
22	Light Blue Metallic	8238	B8308	30-5229	32704	3530	13120
42	Light Gray Fern Metallic	8239	B8309	30-5234	32895	3522	13106
62	Light Brown Metallic	8240	B8310	30-5230	32902	3526	13114
15	Silver Sand Metallic	8358	C8301	30-5256	32896	3531	13121
78	Maroon Metallic	8486	C8310	30-5245	33188	3520	13100
15E	Silver Sand	8310	B8386	32-8375	33075	3553	13132F
15W	Gray Metallic	8311	B8387	32-8376	33202	3521	13101
22E	Light Royal	8312	B8388	32-8377	33203	3524	13102
22W	Blue Metallic	8313	B8389	32-8378	33204	3523	13107
62E	Light Briar Brown Metallic	8318	B8390	32-8381	33205	3527	13108
62W		8319	B8391	32-8383	33209	3549	13122
27E	Medium Dark Royal Metallic	8314	B8394	32-8379	33210	3550	13123
27W		8315	B8395	32-8380	33206	3545	13111
65E	Dark Gold Wing Metallic	8511	C8313		33207	3546	13112
65W		8512	C8314			3615	
67E	Dark Briar Brown Metallic	8320	B8396	32-8384		3660	
67W		8321	B8397	32-8385	33211	3551	13128
82E	Midnite Sand Metallic	8322	B8398	32-8386	33212	3552	13129
82W		7714	B8301	32-8387	33213	3536	13133
					32214	3537	13134

E Identifies the High Solids Enamel

W Identifies the Water Based Enamels

1. The first part of the document is a list of names and their corresponding addresses. The names are listed in a column on the left, and the addresses are listed in a column on the right. The names are: John Doe, Jane Smith, and Bob Johnson. The addresses are: 123 Main St, 456 Elm St, and 789 Oak St.

Sport Coupe



Berlinetta

Z28

# CAMARO

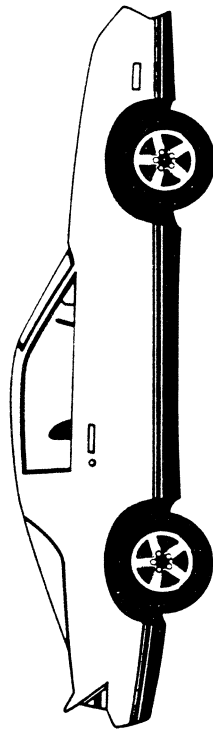
## Great Sports — Continuing a Very Successful Season

As the 1982 Indy 500 Pace Car and *Motor Trend* magazine's "Car of the Year," Camaro has likely earned a special place in the sporty car market for years to come. And the practicality of hatchback design on these newest editions, plus the folding rear seat and reclining front seats, should add even more appeal to a wide spectrum of users than did the former models, which enjoyed a high resale value. New interior and exterior colors and a revised list of options are highlights for 1983.

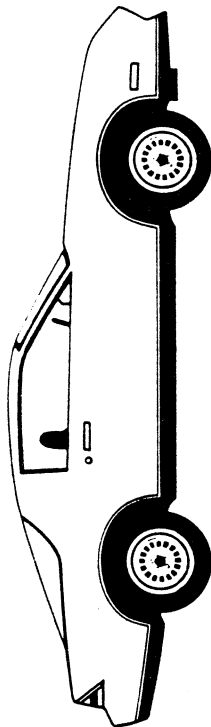
Plus these important features for every 1983 Camaro:

- Each model is individually tuned and tailored to meet specific functions of ride, handling and appearance
- Power steering
- Low-drag power front disc/rear drum brakes with audible wear sensors in front
- More interior roominess than over 80% of cars in its class, based on 1982 data
- Side window defoggers
- Long-track front seat adjuster
- Extensive corrosion-resisting treatments, including lower-body stone-chip protection
- Hip-high fully integrated console
- Electronic Fuel Injection with 4-cylinder engine
- New 5-speed manual transmission available with 4-cylinder, standard with V6 and some V8 engines, except California
- New optional electronically tuned radios replace all stereo radios
- No sporty car near the price offers more rear seat leg room, based on 1982 data

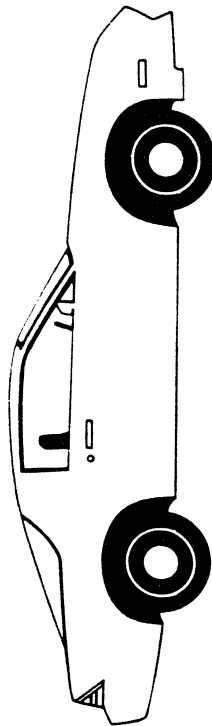
# 1983 CAMARO



Camaro Z28



Camaro Berlinetta



Camaro Sport Coupe

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

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See Dealer Order Guide for latest available information.

# EQUIPMENT SUMMARY

POWER TEAM/ CHASSIS/MECHANICAL	Sport Coupe	Berlinetta	Z/38
2.5L, I4† 4-Cyl. (151 CID)	S	NA	NA
2.8L, 2 Bbl. V6 (173 CID)	EC†	S	NA
5.0L, 4 Bbl. V8 (305 CID)	EC	EC	S
5.0L, CI† V8 (305 CID)	NA	NA	EC
Computer Command Control	S	S	S
Four speed manual transmission	S*	NA	NA
Free speed manual transmission	EC†	S	S
Automatic transmission	EC†	EC†	NA
Automatic transmission with overdrive	EC	EC†	EC
Power steering	S	S	S
Power front disc/rear drum brake system	S	S	S
Power four-wheel disc brake system (w/V8 only)	EC	EC	EC
Front disc brake audible wear sensors	S	S	S
195/73R-14 glass belted radial blackwall tires (w/4-Cyl.)	S	NA	NA
195/73R-14 steel belted radial blackwall tires (w/V6)	EC	NA	NA
205/70R-14 steel belted radial blackwalls	NA	S	NA
205/70R-14 steel belted radial white-letter tires (w/Sport Suspension)	EC	NA	NA
215/65R-15 steel belted radial white-letter tires	NA	NA	S
17" x 6" wheels with hubcaps	S	NA	NA
17" x 7" gold aluminum rimmed wheels	NA	S	NA
15" x 7" 5-spoke aluminum wheels	NA	NA	S
Delco Freedom Plus 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
Space-efficient shock absorber/spring member bolted to front structure	S	S	S
Lower control arms with computer-selected coil springs	S	S	S
Front stabilizer bar (size)	1.06"	1.06"	1.26"
Rear suspension with torque arm to handle driving and braking forces	S	S	S

S --- Standard EC --- Extra Cost NA Not Available  
††Quartz clock is extra cost (RPO U135).

POWER TEAM/ CHASSIS/MECHANICAL (Cont'd)	Sport Coupe	Berlinetta	Z/38
Rear suspension track bar for precise lateral axle control	S	S	S
Rear stabilizer bar (included with Sport Suspension)	EC	NA	S
Special Sport Suspension with special tuning and spring rates	NA	NA	S
Single muffler/resonator	S	S	NA
Dual mufflers and tail pipes	NA	NA	S
Full unitized body construction	S	S	S
Bolt-on front-end sheet metal	S	S	S
<b>EXTERIOR</b>			
Recessed quad rectangular headlamps	S	S	S
Black dual mirrors	S	NA	NA
Body-color sport mirrors	EC	S	S
Black windshield molding and concealed wipers	S	S	S
Body-color soft-facia front-end panel	S	S	S
Front air dam and "ground-effect" rocker molding design	NA	NA	S
Special hood with dual-air-scoop design	NA	NA	S
Body pin stripping	NA	S	NA
Body-color lower body	S	NA	NA
Color accented lower body with stripe	NA	S	NA
Silver or Gold-accented lower body	NA	NA	S
Black ignition and door keys	S	S	S
Black door handles	S	S	S
Full-opening rear hatchback	S	S	S
Rear deck spoiler	EC	EC	S
Body-color wheels with hubcaps	S	NA	NA
Aluminum spoke/in design, gold-accented wheels	NA	S	NA
Five spoke, gold- or silver-accented aluminum wheels	NA	NA	S
Triple-unit tail lamps with amber turn signals	S	S	S

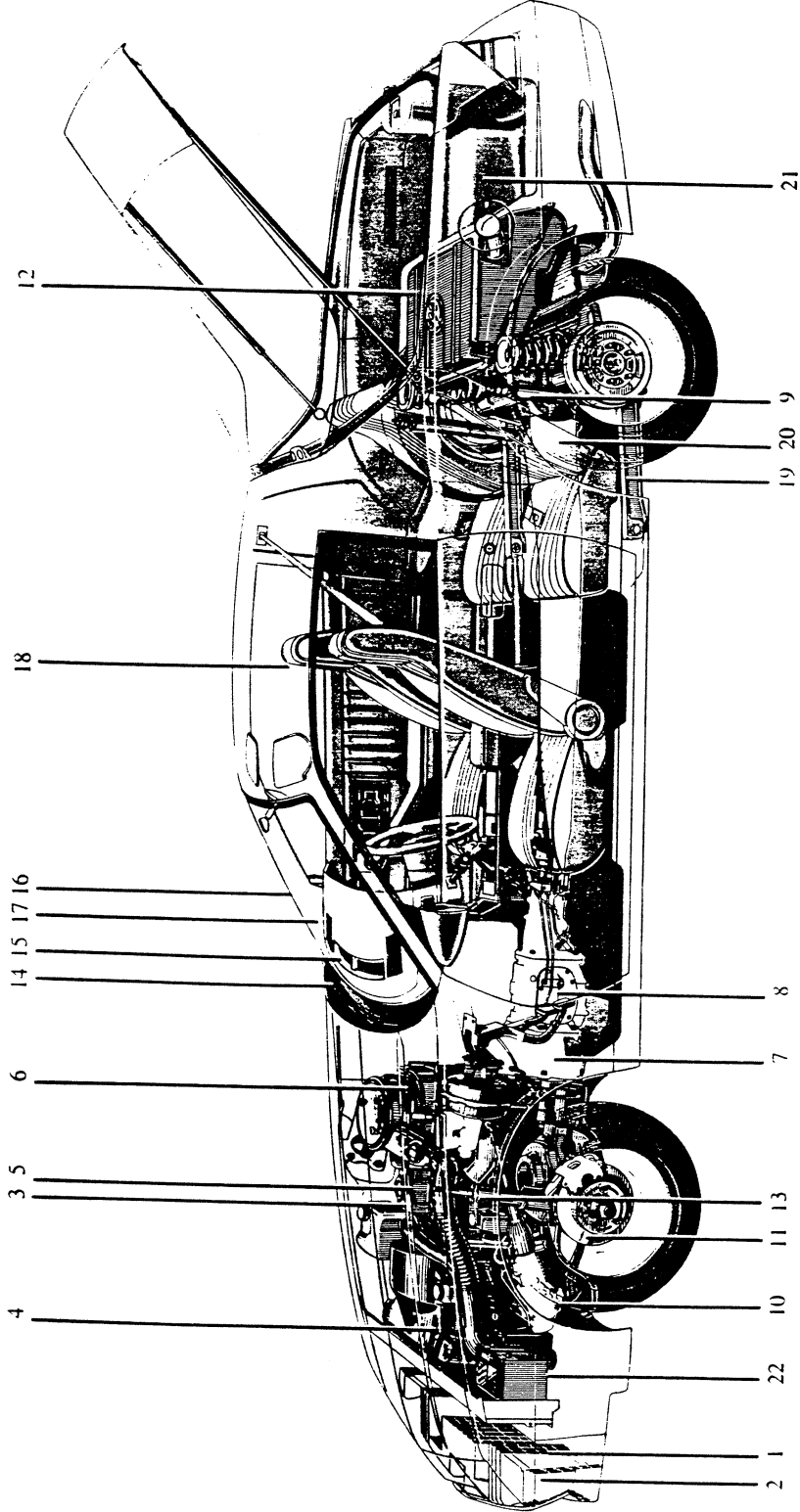
\*Electronic Fuel Injection. \*\*Cross-Fire Injection. #4-Cyl. only.

INTERIOR	Sport Coupe	Berlinetta	Z/38
Standard reclining front bucket seats, fold-down rear in vinyl	S	NA	S
Standard reclining front bucket, fold-down rear seats in cloth	EC	NA	EC
Custom Interior:	EC	S	EC
Custom reclining front bucket, fold-down rear seats in vinyl	EC†	S	EC†
Custom reclining front bucket, fold-down rear seats in cloth	EC†	EC	EC†
Custom driver's-side seat with adjustable lumbar, thigh, lateral supports and head restraint	NA	NA	EC
Deluxe color-keyed seat/shoulder belts	S	S	S
Console integral with instrument panel	S	S	S
Hinged-cover stowage compartment in console	S	S	S
Console houses shifter, ashtrays plus provision for heater/air conditioning, radio and power window controls and clock	S††	S	S
Clock, Quartz Electric	EC	S	S
Soft-padded door trim panel	S	S	S
Large black padded armrests with integral pull handle	S	S	S
Carpeted lower door trim panel	EC†	S	EC†
Carpeted floor, stowage well and rear-end panel	S	S	S
Carpeted wheelhousings and quarters	EC†	S	EC†
Stowage well cover — carpeted	EC†	S	EC†
Level II acoustic package	S	NA	S
Level III acoustic package	EC†	S	EC†
Molded plastic tire and jack cover	S	NA	S
Carpeted tire and jack cover panel	EC†	S	EC†
Simulated suede windshield-pillar and garnish-molding finish	S	S	S
Cloth-covered, molded-foam headlining (3-mm. thick)	S	NA	S
Cloth-covered, molded-foam headlining (6-mm. thick)	EC†	S	EC†
Day/night rearview mirror	S	S	S

† Available only as part of Custom Interior (RPO B18).

# STANDARD FEATURES

1. Integrated front and rear bumpers with honeycomb energy management system
2. Quad rectangular headlamps
3. 2.5 Liter Overhead-Valve 4-cylinder engine with Electronic Fuel Injection (standard on Sport Coupe only).
4. Cross-flow radiator
5. Diode-rectified alternator with built-in voltage regulator
6. High Energy Ignition system
7. 9.12" dia. clutch w/4-cyl; 9.69" w/V6; 10.34" w/V8
8. 4-speed manual transmission standard on Sport Coupe; 5-speed manual transmission on Berlinetta and Z28
9. 7.5" rear axle ring gear
10. Power steering with 16.5:1 in Sport Coupe; 16.5-14.3:1 Berlinetta; 14:1 Z28



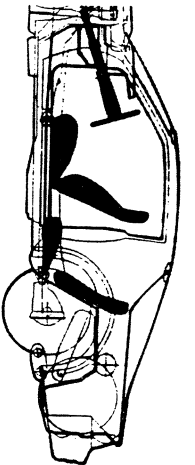
11. Power brakes with 10.5" vented rotors and semi-metallic pads in front; 9.5" diameter drums in rear (4-wheel disc brakes available)
12. 15.8-gallon fuel tank with Sport Coupe standard 4-cyl. engine; 16.2-gallon fuel tank with standard **Berlinetta** V6 and base Z28 V8 models.
13. Modified MacPherson-strut front suspension
14. Concealed windshield wipers
15. Fluidic windshield washers
16. Raked-back 62° windshield
17. Low-drag dual mirrors
18. Fully reclining seats with full-foam seat construction and lateral support
19. Torque-arm rear suspension with coil springs
20. Fold-down rear seat
21. Deep-well stowage area
22. Delco Freedom Plus II battery



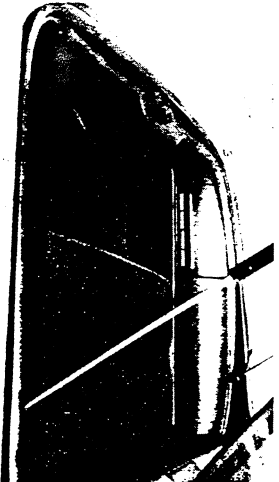
Reclining Front Bucket Seats Standard All Models



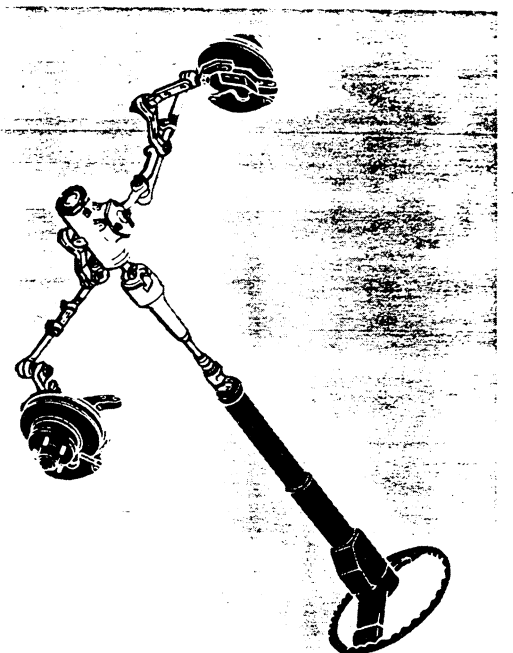
Carpeted Sidewalls, Cargo Floor and Deep-Well Storage Area with Lockable Lid (Std. Berlinaetta; Avail. Sport Coupe, Z28)



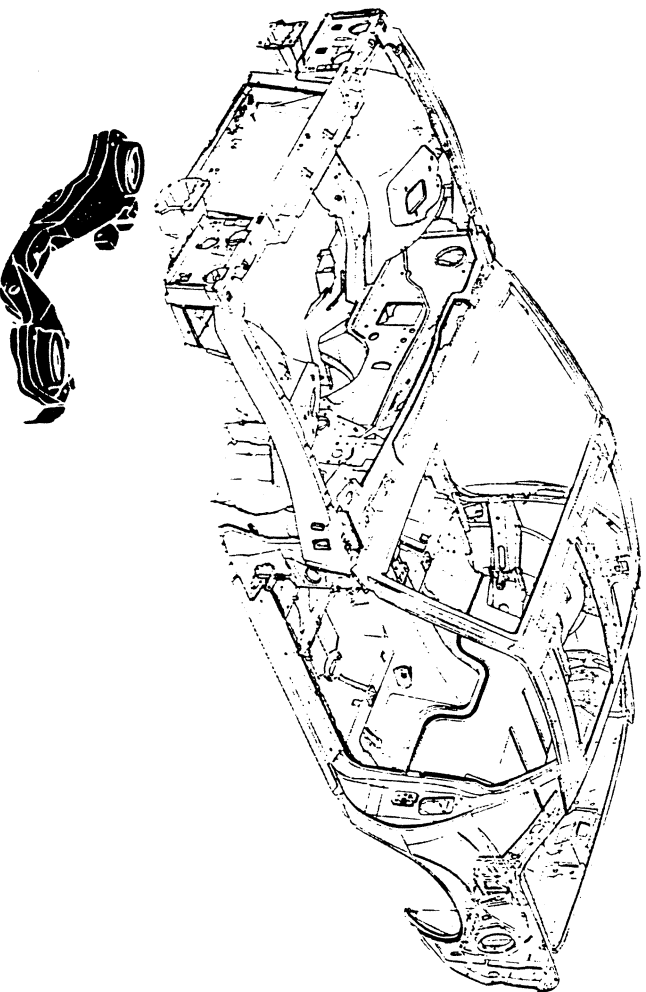
Passenger/Cargo Area



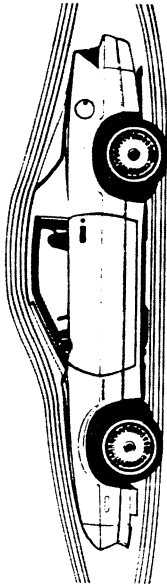
Cargo/Luggage with Deep-Well Storage Area (Standard Sport Coupe, Z28)



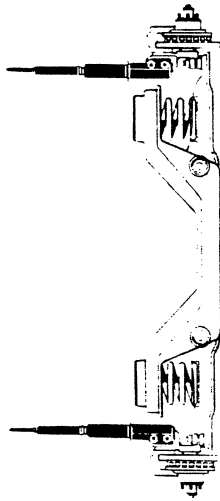
Power Steering with Forward-Mounted Linkage Standard



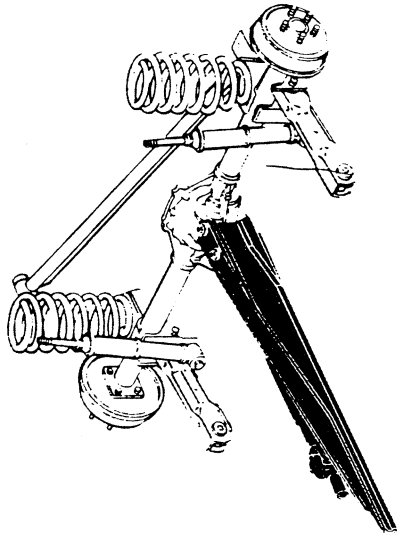
Full Utilized Body with Bolt-On Front-End Sheet Metal and Rugged Suspension Cross Member



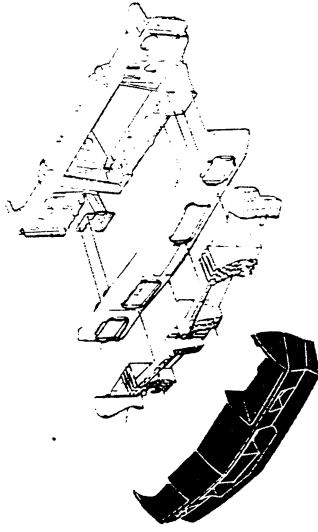
Aerodynamic Shape



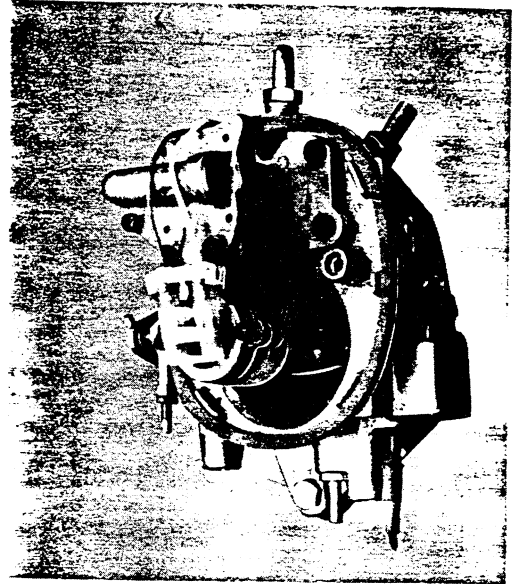
Strut-Type Front Suspension



Torque Arm Rear Suspension

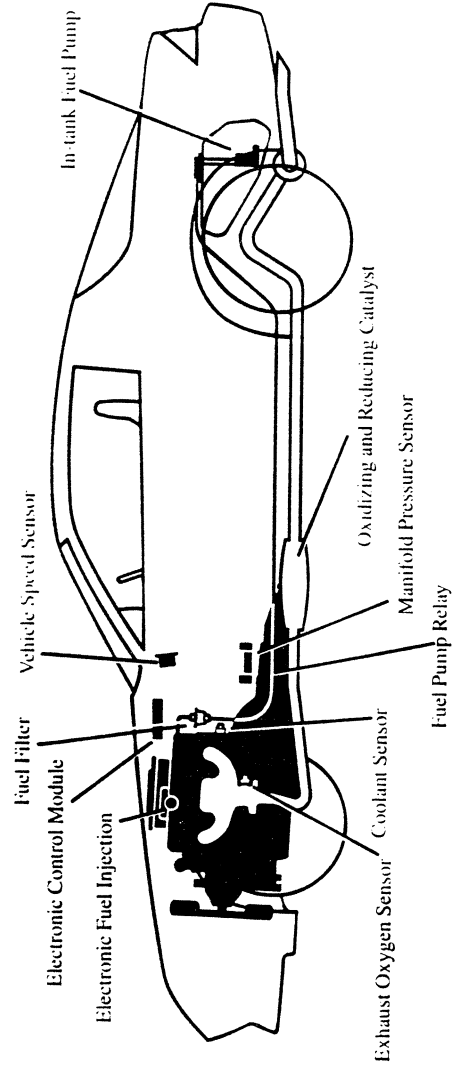


Front Bumper Assembly with Body-Color Soft Facia,  
Honeycomb Absorber and Heavy-Gage Reinforcement



Throttle-Body Injector

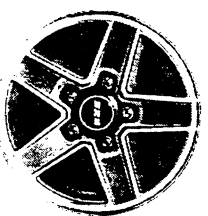
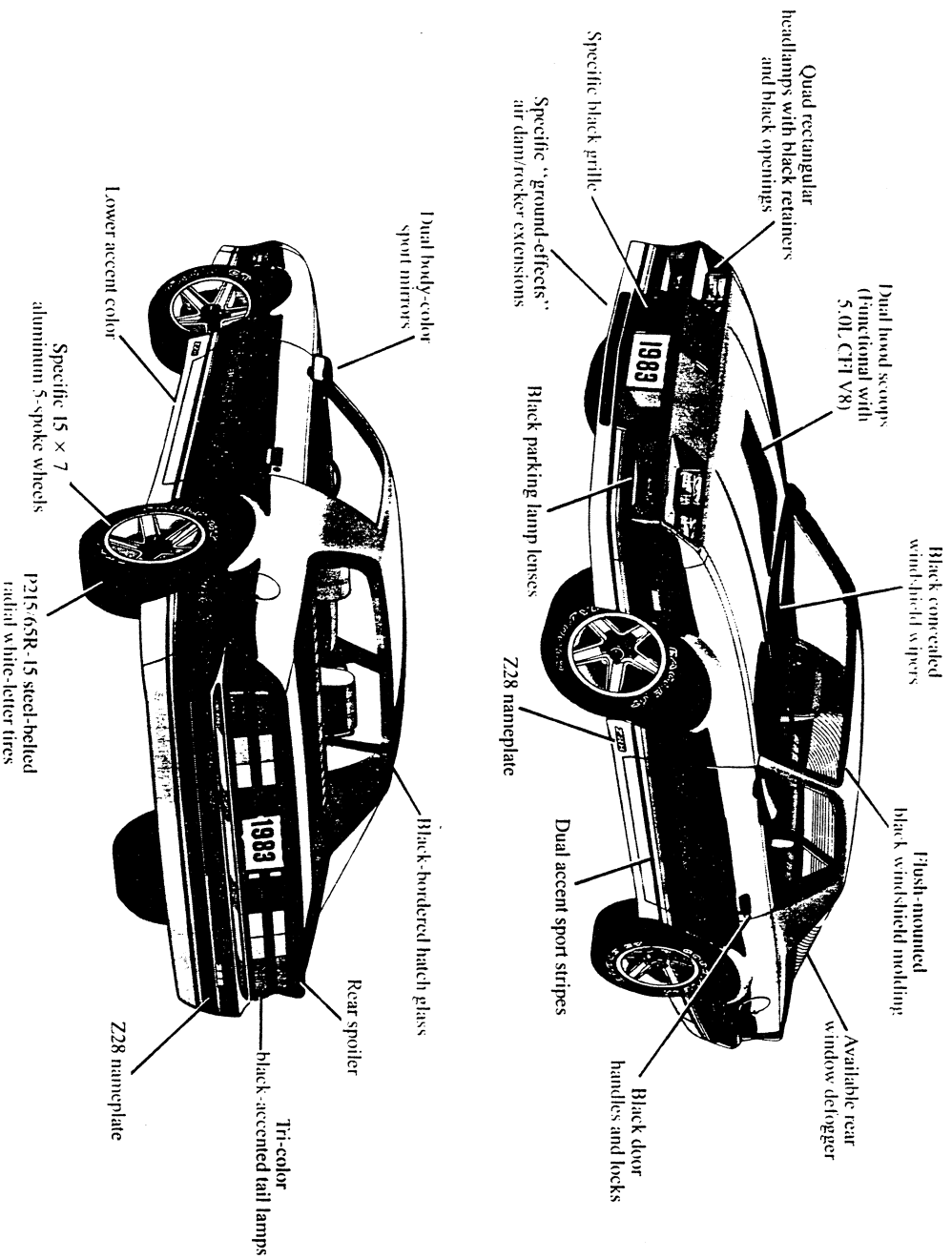
**Advanced Fuel Injection Systems**  
Computer-controlled fuel injection system is standard on the 2.5 Liter 4-cylinder engine in Sport Coupe. System also standard on optional 5.0 Liter V8 (available 7/28 only)



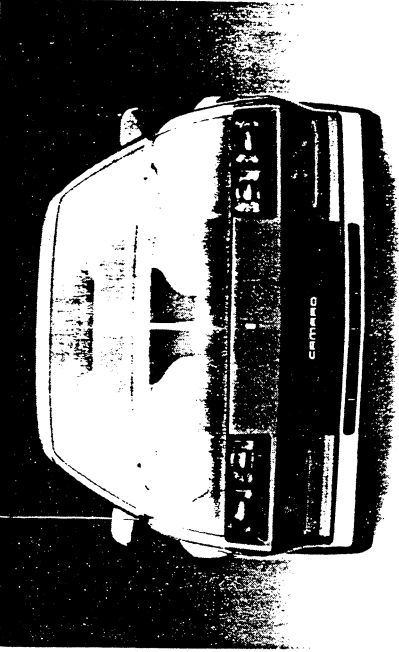
Advanced Fuel Injection Systems

# CAMARO

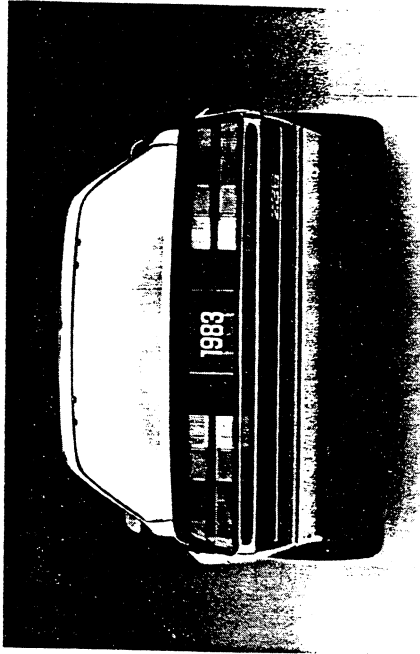
## Z28



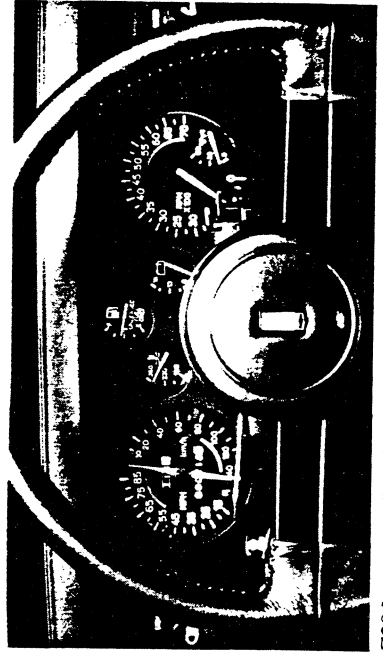
Standard 15 x 7 5-spoke  
cast aluminum wheel — silver or gold  
accented with black center cap



Camaro Z28 Front Styling.



Camaro Z28 Rear Styling.



Z28 Instrument Panel Gages and Tachometer.



Camaro Z28 Standard Interior with Available Cloth Trim.



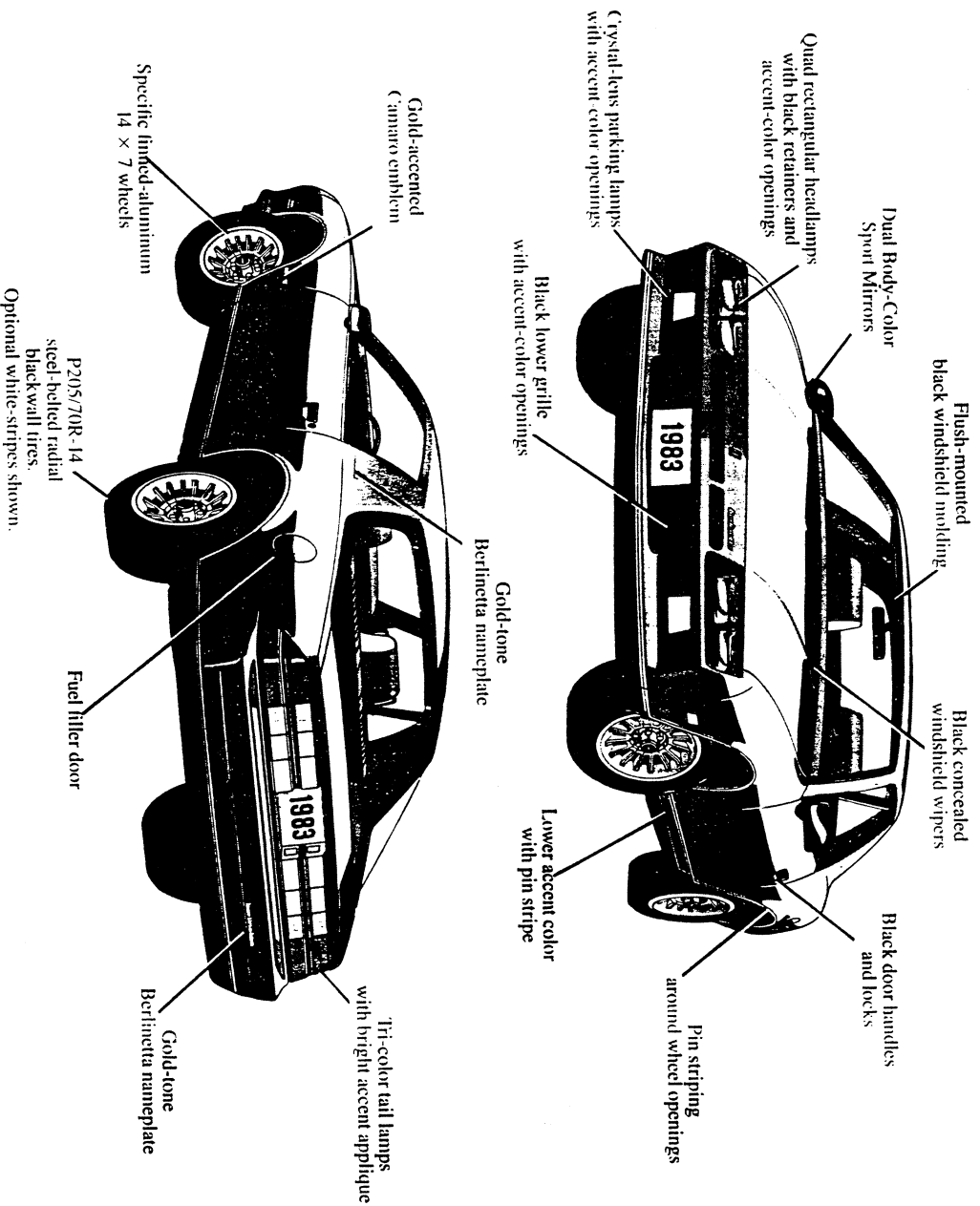
Z28 Hood Scoop Detail.



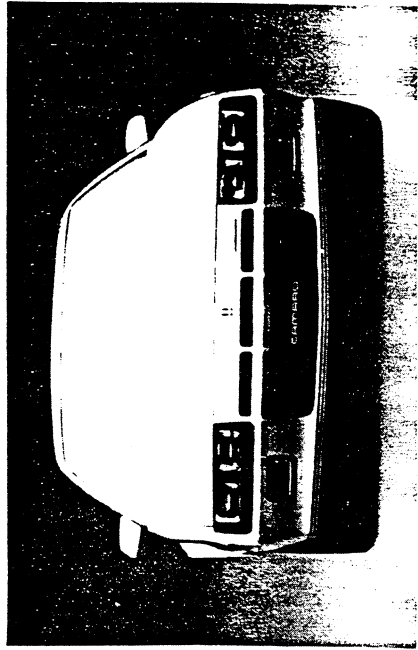
Standard 5-Speed Manual Transmission.

# CAMARO

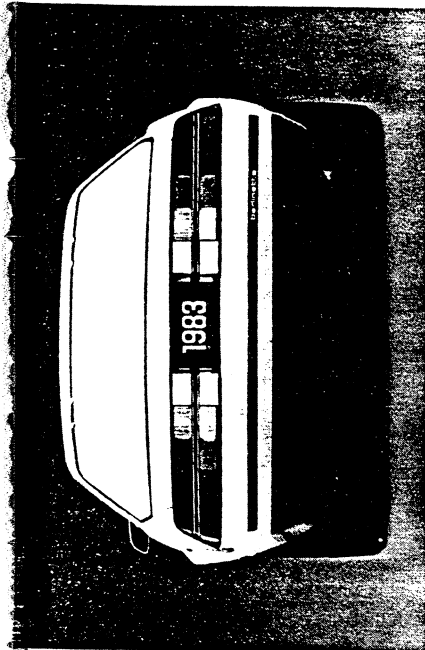
## Berlinetta



Standard 14 x 7 cast aluminum-finned wheel with gold paint/brushed aluminum accents. Bright center cap.



Camaro Berlinetta Front Styling.



Camaro Berlinetta Rear Styling.



Camaro Berlinetta Standard Interior.



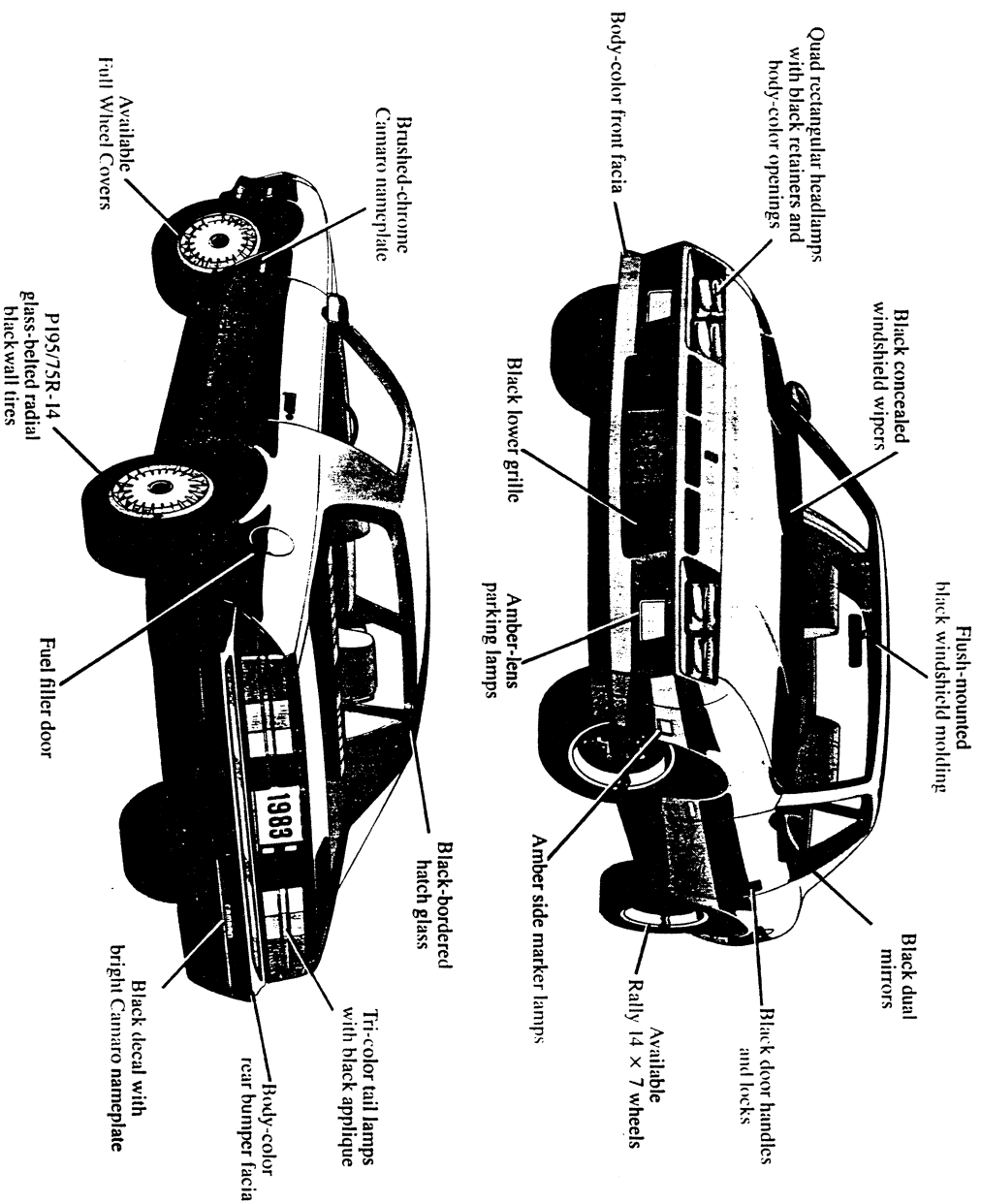
Carpeted Sidewalls, Cargo Floor and Deep Well with Lockable Lid (Std. Berlinetta; Optional Sport Coupe and Z28).



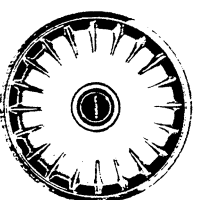
Standard 5-Speed Manual Transmission.

# CAMARO

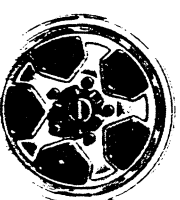
## Sport Coupe



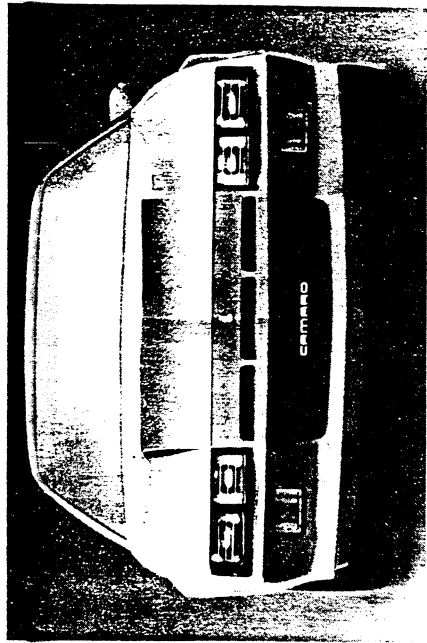
Standard hubcap



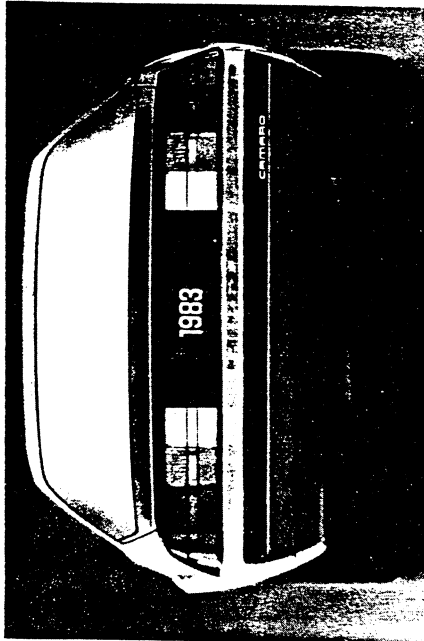
Available Full Wheel Covers (RPO PO1)



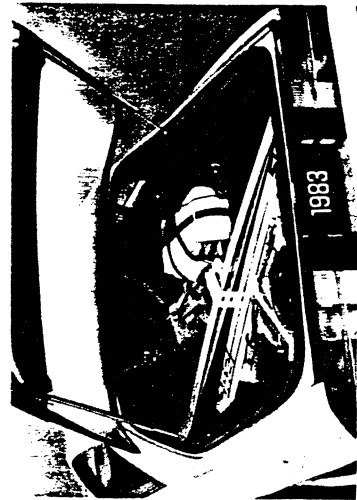
Available 14 x 7 Rally Wheels—body-color with bright caps, trim rings and spoke bezels (RPO Z17)



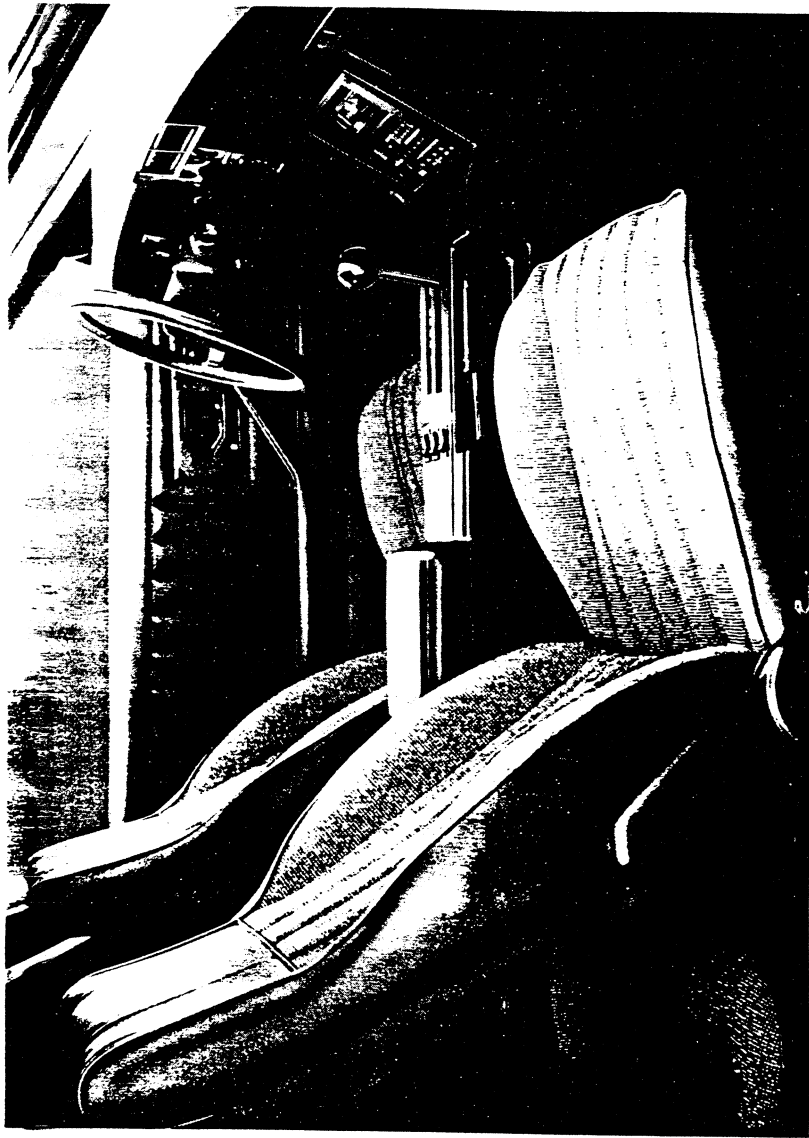
Camaro Front Styling.



Camaro Rear Styling.



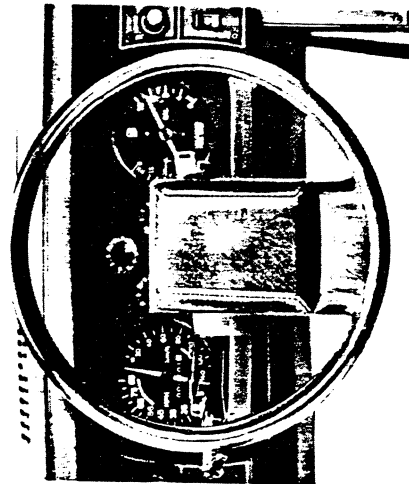
Wide-Opening Hatch Standard.



Camaro Sport Coupe Standard Interior with Available Cloth Trim.



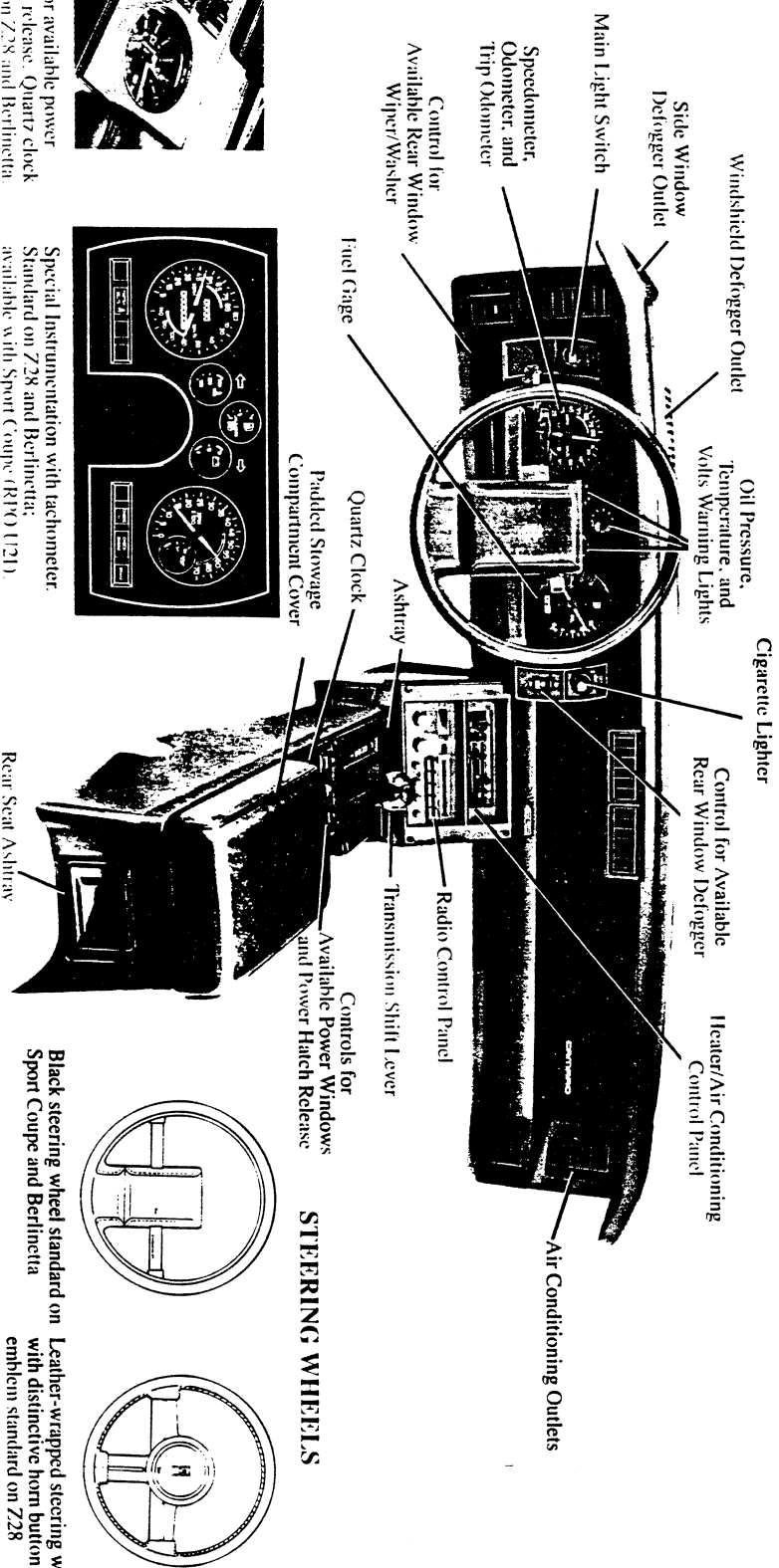
4-Speed Manual Transmission Standard.



Steering Wheel with Large Center Hub Standard.

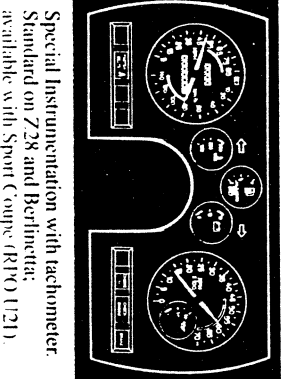
# INTERIOR FEATURES

CAMARO SPORT COUPE INSTRUMENT PANEL (shown with some available features)



## STEERING WHEELS

Console controls for available power windows and hatch release. Quartz clock shown is standard on Z28 and Berlingetta



Black steering wheel standard on Sport Coupe and Berlingetta  
Leather-wrapped steering wheel with distinctive horn button emblem standard on Z28

## INTERIOR FEATURES

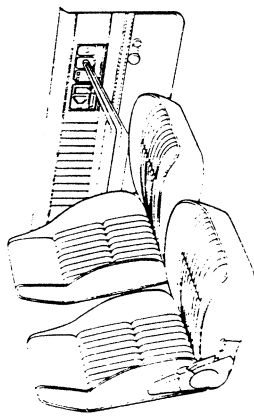
	Sport Coupe	Berlingetta	Z28
Standard interior in vinyl or available cloth	S*	NA	S*
Custom interior in vinyl or cloth (includes custom door and seat trim, carpeted lower doors and sidewalls, plus added acoustical insulation)	EC	S*	EC
Reclining front bucket seats with inertia seat back locks	S	S	S
Deluxe color-keyed seat and shoulder belts**	S	S	S
Fold down rear seat for cargo	S	S	S
Carpeted cargo floor with deep well for luggage	S	S	S
Carpeted cargo compartment sidewalls and locking well cover	EC	S	EC
Large armrests with integral door pull handles	S	S	S

## INTERIOR FEATURES

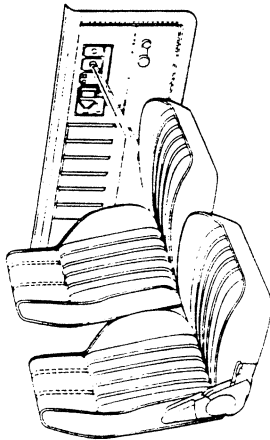
	Sport Coupe	Berlingetta	Z28
Black console with padded armrest and storage compartment (color-keyed lower except Sport Coupe)	S	S	S
Black instrument panel, windshield pillar and garnish moldings	S	S	S
Cloth, foam-backed headliner, color-keyed color-keyed carpeting, seats, sidewalls and cargo area	S	S	S
Day/night inside rearview mirror	S	S	S
Visor vanity mirror, RH (plus LH on Berlingetta)	EC	S	S
Door dome-lamp switches	S	S	S
Instrument panel courtesy lamps	EC	S	S
Console-mounted quartz clock	EC	S	S

\*Cloth is EC S — Standard NA — Not Available EC — Extra Cost \*\*Shoulder belts in front only

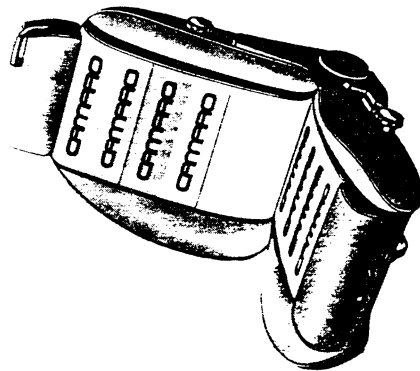
## SEAT & DOOR TRIM



Custom Interior — standard in Berlinetta and available in both Sport Coupe and Z28 — shown here in Custom Cloth.



Camaro Sport Coupe and Z28 standard seat trim style.



## CONSOLE

Aircraft-type console houses transmission selector, radio/heater controls, parking brake handle, clock (standard Berlinetta, Z28), ashtrays, available power controls (except door locks), and padded, hinged-cover stowage compartment.

## COLOR AND TRIM COMBINATIONS

INTERIOR COLORS	TYPE/CODE†	CHARCOAL	DARK BLUE	CAMEL	SAND GRAY	DARK BROWN	CHARCOAL BURNT ORANGE
<b>CAMARO BERLINETTA</b>							
<b>(Bucket)</b>	Custom Vinyl (15)	X	X		X	X	
	Custom Cloth (7)	X	X	X	X	X	
<b>CAMARO SPORT COUPE</b>							
<b>(Bucket)</b>	Vinyl (14)	X	X	X	X	X	
	Cloth (4)	X	X	X	X	X	
	Custom Vinyl (15)	X	X	X	X	X	
	Custom Cloth (7)	X	X	X	X	X	
<b>CAMARO Z28</b>							
<b>(Bucket)</b>	Vinyl (14)	X	X	X	X	X	
	Cloth (4)	X	X	X	X	X	
<b>(1/3 Contour Bucket)</b>	Custom Vinyl (15)	X	X		X	X	
	Custom Cloth (7)	X	X	X	X	X	
	Cloth (11)	X	X			X	X
	Custom Cloth (11) #	X	X			X	X
<b>EXTERIOR COLORS</b>							
<b>CODE</b>							
WHITE	11	X	X	X	X	X	X
SILVER (METALLIC)	15	X	X	X	X	X	X
BLACK	19	X	X	X	X	X	X
LIGHT BLUE (METALLIC)**	22		X				
DARK BLUE (METALLIC)*	27		X				
BEIGE	59	X		X		X	
DARK GOLD (METALLIC)***	65	X		X			
LIGHT BROWN (METALLIC)**	62					X	
DARK BROWN (METALLIC)*	67					X	
RED	75	X		X	X		X
CHARCOAL (METALLIC)	82	X		X	X		X

**STANDARD INTERIOR TRIM GUIDE** • Vinyl interior and bucket seats standard on all models. • All other combinations are available options, including Cloth, Custom Cloth and Custom Vinyl Interiors, and 1/3 Contour bucket seat for Z28. \*Not available for Berlinetta. \*\*Not available for Z28. \*\*\*Available approximately March, 1983. % Available for Sport Coupe only. #Includes Custom Interior features and special door trim in addition to regular 1/3 Contour Seat trim. †Number codes shown above are keyed to exterior colors and interior fabrics shown in Color and Trim section.

This option for Z28 includes a special driver's-side seat that features fully adjustable head restraint, thigh and lumbar supports, plus adjustable lateral support for cushion and backrest. Passenger-side seat is similarly styled, but with adjustable head restraint only. Available with either standard or Custom Interior.

See Dealer Order Guide for latest available information.

# OPTIONAL FEATURES

(Available at extra cost)

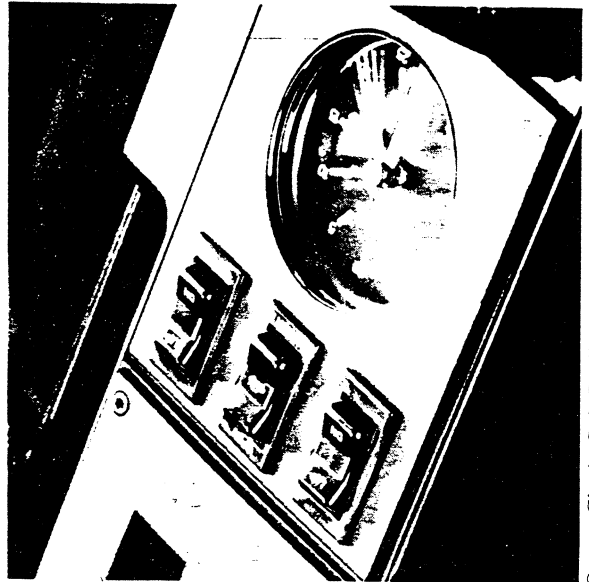
## FACTORY-INSTALLED OPTIONAL EQUIPMENT

<b>Air Conditioning</b> .....	<b>RPO</b>
<b>Axles:</b>	
Limited Slip Differential.....	C60
Performance Axle Ratio.....	G80
<b>Battery, Heavy-Duty</b> .....	G92
<b>Brakes, Four-Wheel Disc</b> (V6 or V8 only).....	U/A1
<b>Clocks:</b>	J65
Electric Quartz (Standard on Berlinaetta and Z28) Digital (Requires U63, U69, incl. w/YE1, YE2, YE4).....	U35
<b>Cooling, Heavy-Duty</b> .....	U/E8
Cover, Rear Compartment, Cargo Area.....	VO8
Defogger, Electric Rear Window.....	D42
<b>Door Lock System, Power</b> .....	C49
<b>Engine Block Heater</b> .....	AU3
<b>Floor Covering:</b>	K05
Mats, Color-Keyed Front.....	B34
Mats, Color-Keyed Rear.....	B35
<b>Glass, Tinted:</b>	
All windows.....	AO1
<b>Hatch Release, Power</b> .....	A90
<b>Headlamps, Halogen Hi-Beam</b> .....	TT5
<b>Horns, Dual, Standard on Berlinaetta</b> .....	U05
<b>Instrumentation, Special.</b> Standard on Berlinaetta and Z28. Includes tachometer, voltmeter, oil and temperature gauges, trip odometer.....	U121
<b>Lighting, Auxiliary.</b> Includes dome/map reading lamp, rear compartment lamp, underhood lamp, headlamp-on reminder.....	TR9
<b>Luggage Compartment Trim</b> (Std. Berlinaetta) Includes carpeted sides and locking luggage well cover. (Reqs. Custom Interior).....	B48
<b>Mirrors, Sport.</b> LH Remote-Control and RH Manual. (Standard on Berlinaetta and Z28).....	D35
<b>Mirrors, Sport Twin Electric</b> .....	DG7
<b>Moldings:</b>	
Body Side, Black.....	B84
Door Edge Guard, Black.....	B93
Roof Drip, Black (NA w/Removable Roof Panels).....	BX5
<b>Quiet Sound Group</b> (Std. Berlinaetta).....	BS1
<b>GM-Delco Radio Equipment:</b>	
AM Radio.....	U63

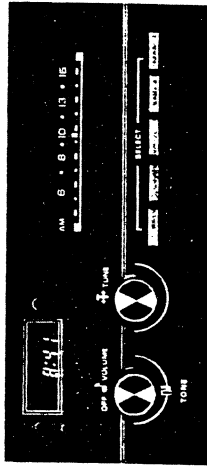
AM/FM Radio.....	<b>RPO</b>	U69
<b>Extended Range Sound Systems (ERS):</b>		
AM/FM Stereo (w/Clock).....	YE1	
AM/FM Stereo with Cassette Tape (w/Clock).....	YE4	
AM/FM Stereo with Cassette Tape, Seek-Scan (w/Clock).....	YE2	
Speakers, Dual Rear (Requires U63 or U69 Radio).....	U81	
Power Antenna. (NA with Fixed-Mast Antenna; requires factory-installed radio).....	U75	
Fixed-Mast Antenna. Included with factory-installed radios. NA with power antenna.....	U73	
<b>Roof Panels, Removable Glass.</b> With Tinted Glass Panels.....	CC1	
<b>Seat, Power, Six-Way.</b> Driver's Side.....	AG9	
<b>Speed Control, Automatic</b> with resume speed with all transmissions.....	K35	
<b>Spoiler, Rear.</b> Includes rear deck and side panel spoiler. (Std. on Z28).....	D80	
<b>Steering Wheel, Comfortilt</b> .....	N33	
<b>Suspension, Sport.</b> Includes special front stabilizer, added rear stabilizer, special shock absorbers and "high-effort feel" power steering (NA Z28).....	F41	
<b>Tires:</b>		
P195/75R-14 Glass-belted radial ply white-stripe (Sport Coupe w/4-cyl. only).....	QY6	
P195/75R Steel-Belted Blackwalls (Sport Coupe only; NA w/LQ9).....	QXV	
P195/75R-14 Steel-belted radial ply white-stripe (Sport Coupe only).....	QV1	
P205/70R-14 Steel-belted radial ply blackwall; Sport Coupe w/Rally wheels only. Standard on Berlinaetta.....	QYA	
P205/70R-14 Steel-belted radial ply white-stripe (Berlinaetta and Sport Coupe only) — with Rally wheels on Sport Coupe only.....	QVU	
P205/70R-14 Steel-belted radial ply white-letter (w/Rally wheels on Sport Coupe only).....	QYC	
<b>Transmissions:</b> See Power Teams for availability. Automatic.....	MX1	
Automatic with overdrive.....	MXO	
5-Speed manual (Spt. Cpe. L4).....	MM5	
<b>Trim, Interior:</b> Custom Interior. Standard on Berlinaetta. (See Color and Trim Section).....		
<b>Wheel Equipment:</b>		
Wheel covers, deluxe (NA Berlinaetta, Z28).....	PO1	
Rally wheels, body-color. Includes special wheels, bright trim rings and black center caps. (NA Berlinaetta, Z28).....	ZJ7	
<b>Windows, Power</b> .....	A31	
<b>Windshield Wiper System, Intermittent</b> .....	CD4	
<b>Wiper System, Rear Window Wiper/Washer</b> .....	C25	
<b>DEALER-INSTALLED ACCESSORIES</b>		
Alarm, Theft.....		
Ball, Trailer Hitch.....		
Belt, Rear Seat Shoulder.....		
Compass.....		
Container, Litter & Tissue Dispenser.....		
Control, Speed & Cruise.....		
Cover, Cargo Area Security.....		
Cover, Wire Wheel (Set of Four).....		
Door, Locking Fuel Filler.....		
Guard, Door Edge (Stainless Steel).....		
Guard, Door Edge (Viny).....		
Guard, Fender Splash.....		
Heater, Engine Block.....		
Lamp, Spotlight (Hand Held).....		
Lamp, Luggage.....		
Lamp, Underhood.....		
Mats, Front Rubber Twin.....		
Mats, Front Carpet Twin.....		
Mats, Rear Rubber Twin.....		
Mats, Rear Carpet Twin.....		
Mirror, Outside Rearview — Sport Manual (RH).....		
Mirror, Outside Rearview — Sport Remote (LH).....		
Mirror, Vanity Visor (Adhesive).....		
Mirror, Vanity Visor (Lighted).....		
Moldings, Body Side.....		
Release, Trunk Lid Lock.....		
Radio, AM/FM.....		
Radio, AM/FM Stereo.....		
Radio, AM/FM Stereo w/Cassette.....		
Radio, AM/FM Stereo w/40 Channel C.B. & Cassette (ETR).....		
Radio, Citizens Band (40 Channel) Remote Power Booster (Audio).....		
Installation Packages (Vehicles w/o Production Radio).....		
Speaker Packages, Rear (Dual).....		
Speakers, High Performance (Dual).....		
NA — Not Available		



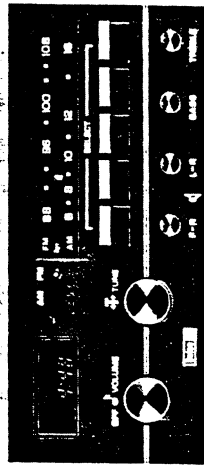
Comfortilt Steering Wheel



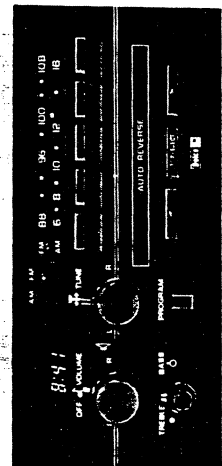
Quartz Clock (Std. Berlinetta, Z28). Power Windows. Power Hatch Release.



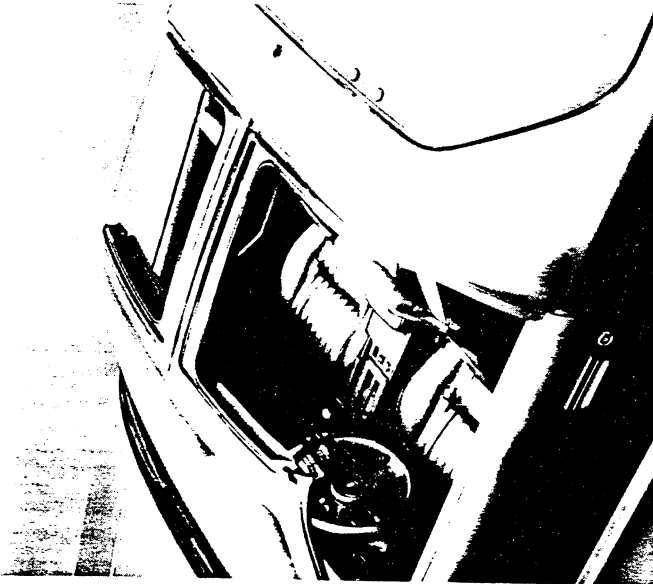
AM Push-Button Radio with Digital Clock



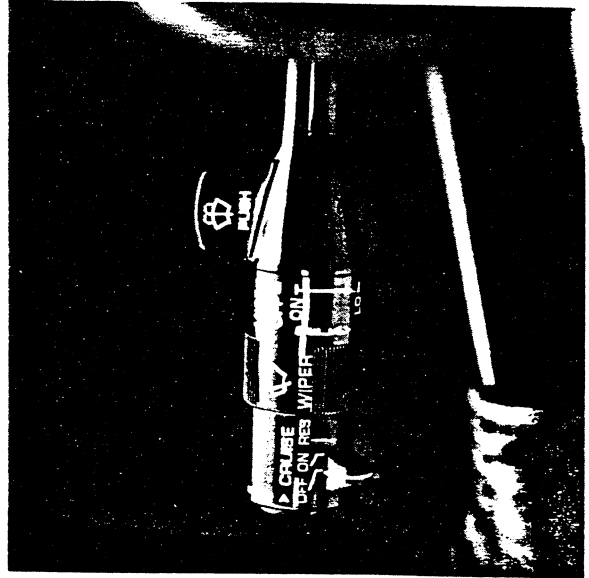
AM/FM Stereo Radio with Extended Range Sound System and Digital Clock



AM/FM Stereo Radio with Stereo Cassette Tape and Digital Clock, plus Extended Range Sound System



Removable Glass Roof Panels



Automatic Speed Control with Resume Speed

# BODY FEATURES

## ANTI-CORROSION MEASURES

Warding off the harmful effects of corrosion on both the structure and appearance has been a major design consideration. Many areas most subject to corrosion have been "engineered out." For example, areas that normally might collect salt, mud and debris have either been designed out, or protected by shields that keep the corrosive elements from entering. Galvanized metals, zinc-rich primers, plastic barriers, wax coatings and other corrosion-resistant materials have been liberally used throughout. Following are some of the steps taken to help keep Camaro new-looking longer:

- Galvanized suspension towers, upper tower reinforcements, lower suspension side rails, rocker inner and outer panels, underbody rails.
- Galvanized underbody rails over the rear axle, spring supports.
- Galvanized wheelhousing outer panels, luggage-well floor.
- Galvanized rear quarter and sail.
- Galvanized fender reinforcements, hood hinges.
- Galvanized (one side) door panels and cowl air deflectors.
- Galvanized hatch-lid inner panel, rear end panel.
- Zincrometal fenders, hatch-lid outer panel.
- Zinc-rich primer applied to door inners and roof panel in plenum area prior to assembly.
- Lock pillars integral with quarter panels to eliminate joints.
- Flush-mounted windshield with plastic molding to help prevent paint chipping and moisture underneath.

- Electrically deposited primer that actually plates the metal.

- Plastisol chip-resistant film on lower fenders, body panels, quarters and doors.
- Hot-melt wax coatings in lower fender areas.
- Aluminized wax in doors.
- Extra-thick paint film on front floor. (1 mil min.)

## FINAL QUALITY STEPS

After initial anti-corrosion and sound-deadening operations, the fully assembled body (hood, fenders included) is completely flushed to help clear any dust or debris. Then it is primed in an almost dust-free atmosphere by electrodeposition process or by a spray process using corrosion-resistant flash primer. The chip-resistant coating is then applied to selected lower body panels to help guard against stone chipping. A primer-surfacer is then applied over the first primer and baked.

- After baking, the primer-surfacer is wet-sanded to help assure a smooth surface for the following color coats.
- The color topcoat is then applied in a specified thickness, to the entire body and front-end sheet metal, to help assure an exact color match between panels. Also, by attaching fenders and hood prior to painting, there is less chance of paint mismatch or damage by any assembly after painting.
- The finish is oven baked prior to masking for the accent color on two-tons.
- To help assure a hard, high-luster finish, the final color coat is fully baked.
- After the final baking process, the finish is carefully checked for marks, nicks or scratches.

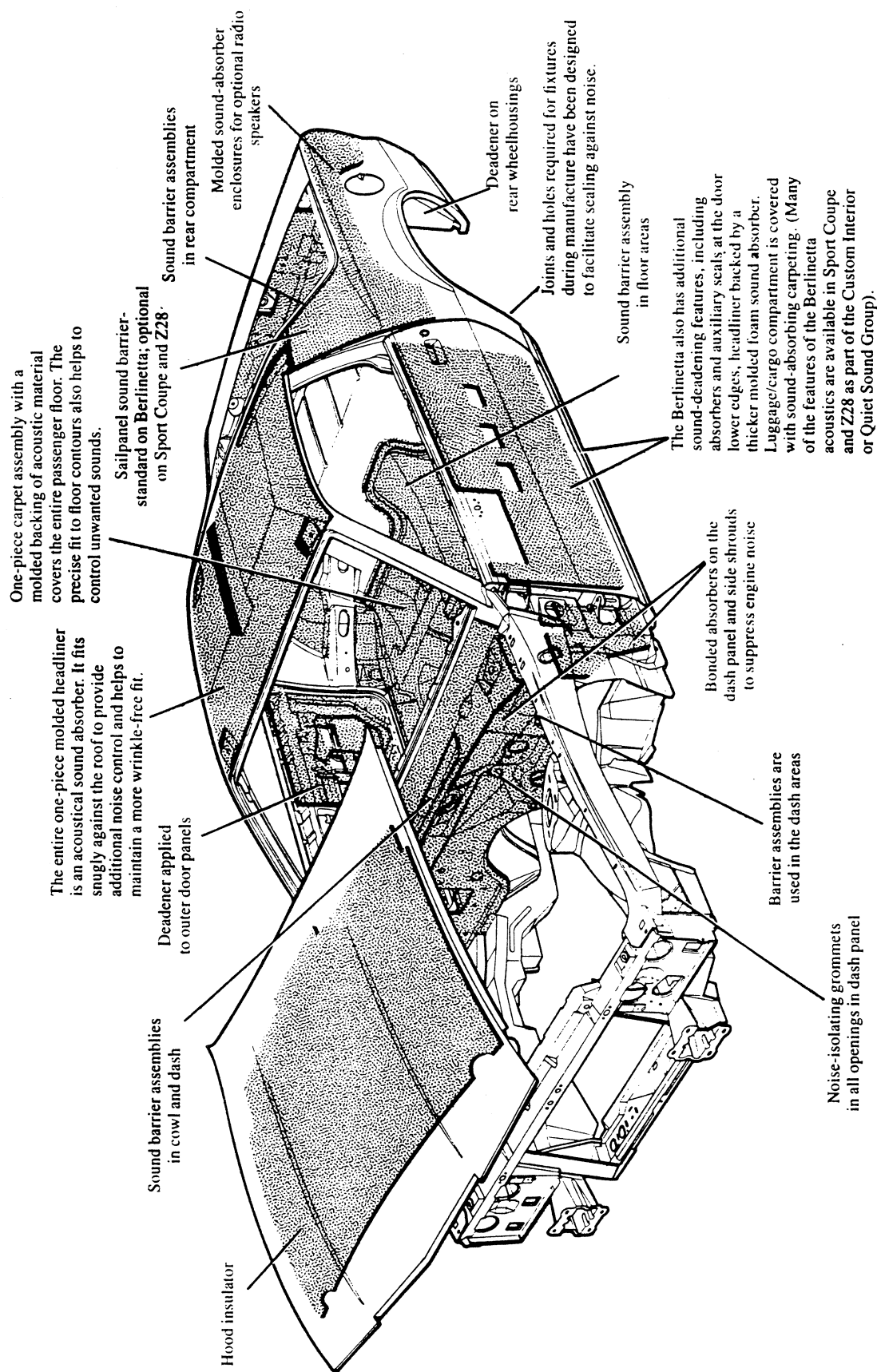
## SOUND-DEADENING FEATURES

With three distinctly different personalities for each Camaro model, sound levels inside the passenger compartment have been tailored to fit that personality. Separating the "wanted" from the "unwanted" sounds was part of the "fine-tuning" for each model.

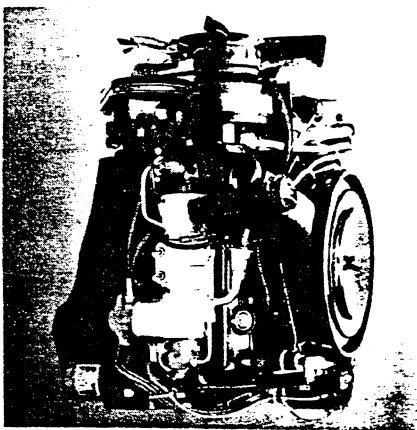
Controlling sounds began with the basic shape of the Camaro . . . how it passes through the air. Wind noises caused by disruptions of the air flow over and around the Camaro were diminished by smoothing the edges that meet the wind. Windshield and rear window are flush-mounted; mirrors designed to knife through the wind. And by reducing air turbulence at the rear of the vehicle, buffeting by the wind was reduced. These factors play a part in the amount of wind noise and overall sound levels, but they also play an important part in the power it takes to move the Camaro through the air. As power requirements are reduced, fuel economy increases to make the benefits of a slippery shape even more significant.

Through extensive wind-tunnel testing and computer analysis, the Camaro is the "slipperiest" in its history. With the level of quiet achieved by reducing wind noise potential on the exterior, the next step was to tailor each model for its individual personality. Through use of space-age technology, acoustic materials were developed that proved effective in reducing sounds that could enter the interior. Heavy, fuel-wasting pads and sound insulating blankets of the past were abandoned in favor of modern, lightweight materials. On the following page are some of the methods used to achieve the interior sound levels of each model.

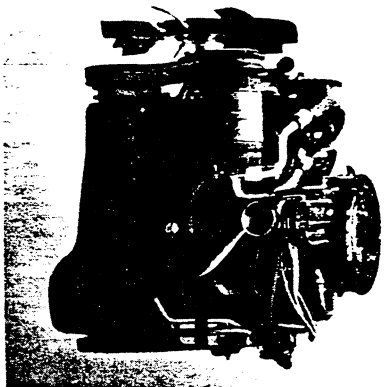
## INSULATION — For A Hushed, Quiet Ride . . .



# POWER TEAMS



Z28 Standard 5.0 Liter V8



Sport Coupe Standard 2.5 Liter L4

**NOTE:** *Berlinetta standard 2.8 Liter V6 not shown*

Engine	RPO No.	Power Rating*	Displacement (cu. in.)	Engine Availability	Transmission Avail.		
					4-Spd. Man. (1)	5-Spd. Man. (1)	Auto. (1)

## ALL STATES INCLUDING CALIFORNIA

		Sport Coupe <i>Berlinetta</i> Z28					
2.5 Liter L4 (B)**	LQ9	94	151	Std.	NA	NA	Std.
2.8 Liter 2-Bbl. V6 (A)	LC1	107	173	EC	Std.	NA	Std. (2)
5.0 Liter 4-Bbl. V8 (A)	LG4	150	305	EC	EC	Std.	Std. (3)
5.0 Liter CFI V8 (A)	LU5	175	305	NA	NA	EC	NA

\*SAE net horsepower as installed. Std. — Standard EC — Extra Cost NA — Not Available  
(1) — Floor-Mounted Shift Control (2) — Standard on *Berlinetta*; EC on Sport Coupe  
(3) — Standard on Z28 \*\* — Electronic Fuel Injection CFI — Cross-Fire Injection

Produced by GM — (A) Chevrolet Motor Division; (B) Pontiac Motor Division

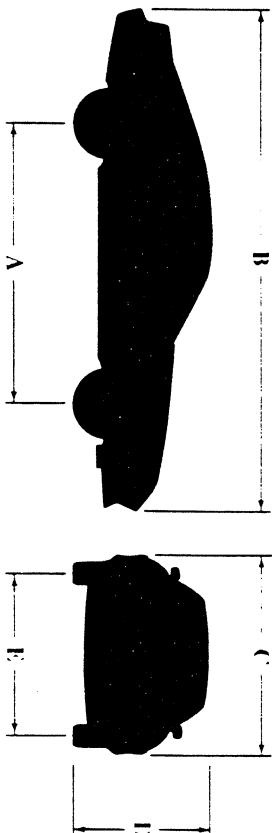
Some Chevrolet models are equipped with engines produced by other GM divisions, subsidiaries, or affiliated companies worldwide.

## SERVICE INTERVALS\*

Engine Oil.....	12 months or 7,500 miles
Oil Filter.....	12 months or 7,500 miles; every 15,000 miles thereafter
Spark Plugs.....	30,000 miles
Chassis Lubrication.....	12 months or 7,500 miles
Automatic Transmission.....	
Fluid Change.....	Every 100,000 miles
Air Cleaner Element.....	30,000 miles

\*Under ideal conditions. For conditions requiring more frequent service consult Owner's Manual.

# DIMENSIONS/SPECIFICATIONS



EXTERIOR ROOMINESS (inches)	Sport Coupe	Berlinetta	Z28
Wheelbase (A)	101.0	101.0	101.0
Length (overall) (B)	187.8	187.8	187.8
Width (overall) (C)	72.8	72.8	72.8
Height (loaded) (D)	49.8	49.8	49.8
Tread — Front (E)	60.7	60.7	60.7
Tread — Rear (E)	61.6	61.6	61.6
INTERIOR ROOMINESS (inches)			
Head Room — Front	37.0	37.0	37.0
Head Room — Rear	35.6	35.6	35.6
Leg Room — Front	43.0	43.0	43.0
Leg Room — Rear	28.6	28.6	28.6
Shoulder Room — Front	57.4	57.4	57.4
Shoulder Room — Rear	56.3	56.3	56.3
Hip Room — Front	56.3	56.3	56.3
Hip Room — Rear	42.8	42.8	42.8
Cargo Volume (cu. ft.)	11.6*	11.6*	11.6*
Deep-Well Volume (under floor on <i>Berlinetta</i> ) (cu. ft.)	3.4	3.4	3.4
Width Between Wheelhousings	45.1	45.1	45.1
Rated Fuel Tank Capacity (gallons)	15.8	16.2	16.2**
Curb Weight (pounds)	2883	2944	3135

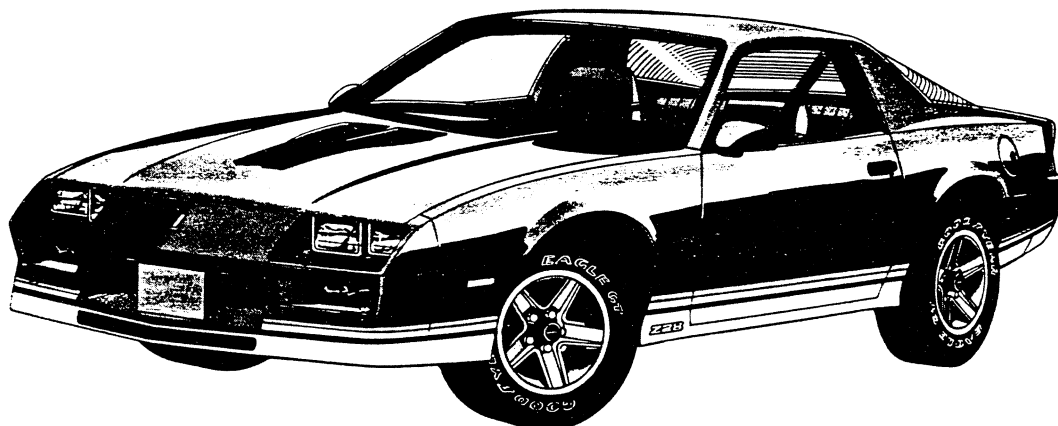
\*30.9 cu. ft. with rear seat back down. \*\*15.8 with avail. 5.0L CFI V8

# 1983 CAMARO

## ORDERING INFORMATION

### MODELS

CAMARO	Model Number
Sport Coupe.....	1FP87
Berlinetta.....	1FS87
Z28.....	1FP87/Z28



Camaro Z28

### NEW FEATURES

- 5-speed manual transmission standard in Berlinetta, Z28; available in Sport Coupe.
- 4-speed automatic with overdrive now available.
- New exterior/interior colors.
- Refined instrument cluster graphics.
- Electronically tuned stereo radios offered.

### CONTINUED STANDARD FEATURES

- Sleek, aerodynamic front-engine, rear-drive design.
- Each series tuned and tailored to fit a specific function of ride, handling and appearance.
- Distinctive front and rear styling for each series.
- Full-opening rear hatch.
- Power ventilation system.
- Cockpit-designed instrument panel with side window defoggers.
- Reclining bucket seats and fold-down rear seat.
- Center console with stowage compartment.
- 2+2 seating.
- Deep-well luggage area.
- 31.2 cubic feet of cargo capacity (with rear seat down).
- Full integral body construction.
- Bolt-on front-end sheet metal.
- High-technology anti-corrosion measures.
- Plastisol lower body stone-chip protection.
- Strut-type front suspension.
- Low-drag power front disc/rear drum brakes.
- Power steering standard all models.
- Inside hood release.
- Multi-function dimmer/washer/wiper/turn signal switch.

### EQUIPMENT SUMMARY

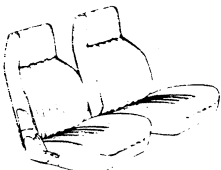
	Sport Coupe	Berlinetta	Z28
2.5 L Electronic Fuel Injection 4-cyl.	S	NA	NA
2.8 L 2-Bbl. V6	EC	S	NA
5.0 L 4-Bbl. V8	EC	EC	S
5.0 L Cross-Fire Injection V8*	NA	NA	EC
Glass-belted radial ply tires	S	NA	NA
Steel-belted radial ply tires	EC	S	S
14x6 wheels with hubcaps	S	NA	NA
14x7 gold/aluminum wheels	NA	S	NA
14x7 Rally wheels	EC	NA	NA
15x7 5-spoke aluminum wheels	NA	NA	S
Recessed quad rectangular headlamps	S	S	S
Black dual sport mirrors (LH remote)	S	NA	NA
Body-color sport mirrors (LH remote)	EC	S	S
Black windshield molding and wipers	S	S	S
Specific black accents	NA	NA	S
Black ignition and door keys	S	S	S
Front air dam & "ground-effects" rocker moldings	NA	NA	S
Special hood with dual scoops	NA	NA	*
Rear deck spoiler	EC	EC	S
Full gages, with tachometer	EC	S	S
Square-hub steering wheel	S	S	NA
Leather-wrapped steering wheel	NA	NA	S
Quartz analog electric clock	EC	S	S
Custom interior	EC	S	EC
Fully adjustable seat with lumbar, side and thigh support	NA	NA	EC
Specific, smooth-ride suspension	NA	S	NA
Specific sport suspension system	EC	NA	S

S—Standard EC—Extra Cost NA—Not Available  
 \*Outside-air doors included with 5.0 L Cross-Fire Injection V8




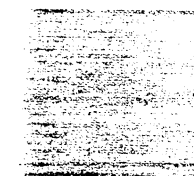

Refer to Dealer Order Guide for option availability and application.

# 1983 CAMARO INTERIORS

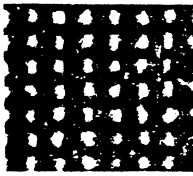


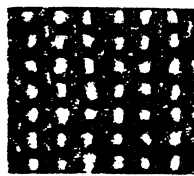

## SPORT COUPE AND Z28 INTERIOR



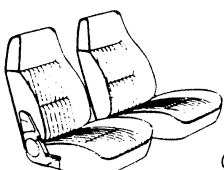
VINYL

				
Charcoal	Dark Blue	Camel	Sand Gray	Dark Brown



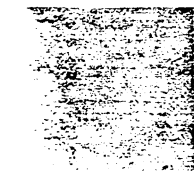
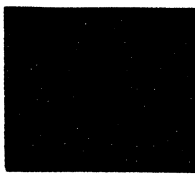
CLOTH

				
Charcoal	Dark Blue	Camel	Sand Gray	Dark Brown




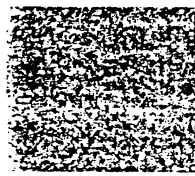

## BERLINETTA INTERIOR, PLUS SPORT COUPE OR Z28 CUSTOM INTERIOR



VINYL

			
Charcoal	Dark Blue	Sand Gray	Dark Brown

CLOTH

				
Charcoal	Dark Blue	Camel	Sand Gray	Dark Brown

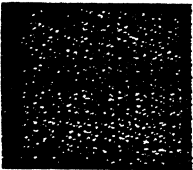


## L/S CONTEUR BUCKET SEAT—Z28 ONLY

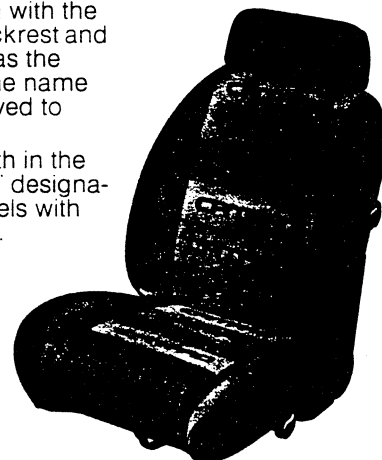
This option for Z28 only includes a driver's seat with adjustable head restraint, thigh and lumbar supports, plus adjustable lateral support on cushion and backrest. Passenger-side seat is similarly styled, but with only the adjustable head restraint feature. These Contour seats come in either Custom or standard versions, with either Charcoal/Burnt Orange, Blue or Brown interior:

**Custom Interior:** The driver's seat is uphol-

stered in a tri-tone-color woven cloth with the name "Camaro" repeated on the backrest and seat cushion. Passenger seat also has the name repeated. Door panels have the name "Camaro" in three lines on each, keyed to seat color.

**Standard interior:** Seats are knit cloth in the same tri-tone scheme and "Camaro" designations. Door panels are standard panels with no "Camaro" theme or color-keying.

		
Charcoal/ Burnt Orange	Blue	Brown



Refer to Dealer Order Guide for option availability and application.

## Exterior Colors All Models

11 — White



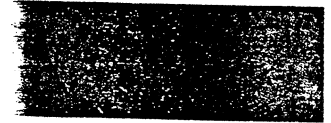
15 — Silver (Metallic)



19 — Black



22 — Light Blue (Metallic)\*



27 — Dark Blue (Metallic)\*\*



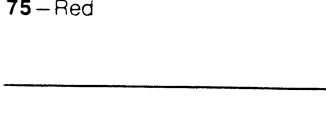
62 — Light Brown (Metallic)\*



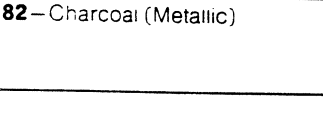
67 — Dark Brown (Metallic)\*\*



75 — Red



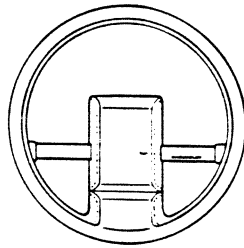
82 — Charcoal (Metallic)



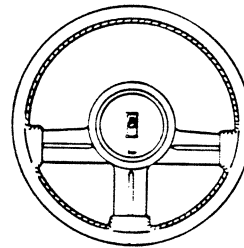
\*NA Z28

\*\*NA Berlinetta

## Steering Wheels

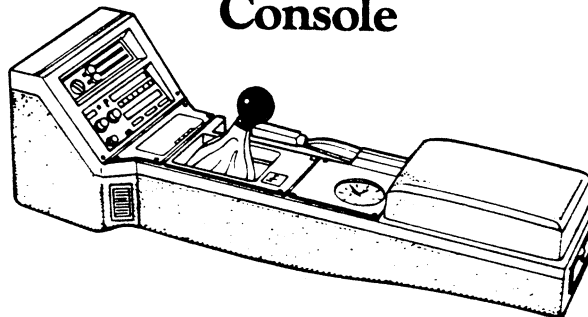


**Sport Coupe and Berlinetta**  
Black, with  
embossed Chevrolet  
nameplate on spoke.



**Z28**  
Black with leather-  
wrapped rim.

## Console



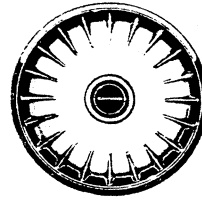
Black on Sport Coupe; color-keyed on Berlinetta — houses transmission shifter, radio/heater controls, parking brake lever, clock (std. Berlinetta, Z28), ashtrays, power controls (exc. door locks), and padded, hinged-cover stowage compartment.

Refer to Dealer Order Guide for option availability and application.

## Wheel Trim



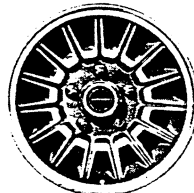
**Hubcap**  
Standard on Sport Coupe



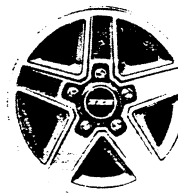
**Full Wheel Cover**  
(RPO PO1)  
Sport Coupe only



**Rally Wheel**  
(RPO ZJ7) for  
Sport Coupe only.  
Painted body color

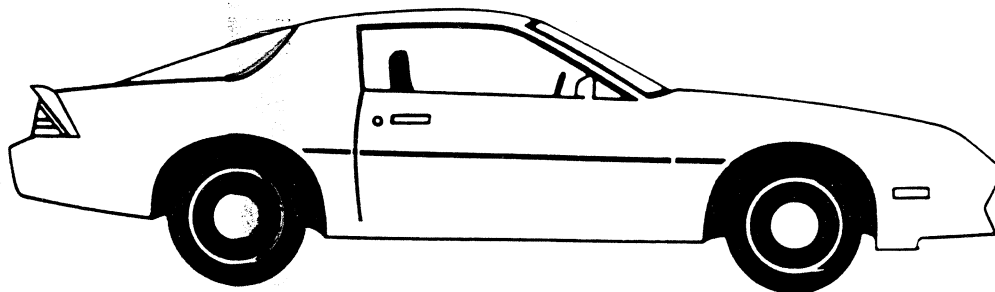


**Aluminum Wheel**  
Standard on Berlinetta  
Painted gold with  
brushed accents



**Aluminum Wheel**  
Standard on Z28

## Exterior Ornamentation and Accents



**RPO BX5 BLACK ROOF DRIP MOLDING** (All models  
except with hatch roof panels)

**RPO B84 BLACK BODY SIDE MOLDING** (All models)

**RPO B93 BLACK DOOR EDGE GUARD** (All models)

**RPO D80 REAR DECK SPOILER** (All models—Std. Z28)

All illustrations and specifications in this brochure are based on the latest product information available at the time of publication approval. Right is reserved to make changes at any time, without notice, in colors, materials, specifications and models, and also to discontinue models. Chevrolet Motor Division, General Motors Corporation, Warren, Michigan 48090.

**Chevrolet**

Refer to Dealer Order Guide for option availability and application.

Litho in U.S.A. 4270 7 82

## ALPHABETICAL OPTION INDEX

(Not for ordering purposes)

Option Number	Description	Option Number	Description
AG9	SEAT, POWER: Six-Way	NA6	EMISSION SYSTEM: High Altitude Emission Equipment
AU3	DOOR LOCK SYSTEM, POWER	N33	STEERING WHEEL: Comfortilt
A01	GLASS, TINTED: All Windows	P01	WHEEL COVERS, FULL
A31	WINDOWS, POWER	QVJ	TIRES: P195/75 R-14 White Stripe (Radial)
A90	HATCH RELEASE, POWER	QVU	TIRES: P205/70 R-14 White Stripe (Radial)
BS1	QUIET SOUND GROUP	QXV	TIRES: P195/75 R-14 Blackwall (Radial)
BX5	MOLDINGS: Roof Drip	QYA	TIRES: P205/70 R-14 Blackwall (Radial)
B3W	PRELIMINARY PRICE INFORMATION	QYC	TIRES: P205/70 R-14 White Lettered (Radial)
B34	FLOOR COVERING: Carpet Mats. Front Floor	QYF	TIRES: P195/75 R-14 Blackwall (Radial)
B35	FLOOR COVERING: Carpet Mats. Rear Floor	QYG	TIRES: P195/75 R-14 White Stripe (Radial)
B48	LUGGAGE COMPARTMENT TRIM, DELUXE	TR9	LIGHTING, AUXILIARY
B84	MOLDINGS: Body Side	TT5	HEADLAMPS, HALOGEN HI-BEAM
B93	MOLDINGS: Door Edge Guard	UA1	BATTERY, HEAVY-DUTY
CC1	ROOF PANELS: Removable Glass	UE8	CLOCK: Digital
CD4	WINDSHIELD WIPER SYSTEM: Intermittent	U05	HORNS, DUAL
C25	WIPER SYSTEM: Rear Window Wiper/Washer	U21	INSTRUMENTATION: Special
C49	DEFOGGER, REAR WINDOW: Electric	U35	CLOCK: Quartz Electric
C60	AIR CONDITIONING	U63	RADIO EQUIPMENT: AM Radio
DG7	MIRRORS: Sport, Electric Twin Remote	U69	RADIO EQUIPMENT: AM/FM Radio
D35	MIRRORS: Sport, LH Remote and RH Manual	U73	RADIO EQUIPMENT: Fixed Mast Antenna
D42	COVER: Rear Compartment, Cargo Area	U75	RADIO EQUIPMENT: Power Antenna
D60	NON-RECOMMENDED COLOR COMBINATION	U81	RADIO EQUIPMENT: Speakers, Dual Rear
D80	SPOILER: Rear	V08	COOLING, HEAVY-DUTY
F41	SUSPENSION EQUIPMENT: Suspension, Sport	YE1	RADIO EQUIPMENT W/EXTENDED RANGE SOUND SYSTEM: Electronically Tuned AM/FM Stereo Radio w/Clock-
G80	AXLE, REAR: Limited Slip Differential	YE2	RADIO EQUIPMENT W/EXTENDED RANGE SOUND SYSTEM: Electronically Tuned AM/FM Stereo Radio w/Seek-Scan and Cassette Tape and Clock
G84	AXLE, REAR: High Altitude Ratio	YE4	RADIO EQUIPMENT W/EXTENDED RANGE SOUND SYSTEM: Electronically Tuned AM/FM Stereo Radio with Cassette Tape and Clock
G92	AXLE, REAR: Performance Ratio	YF1	RADIO EQUIPMENT W/EXTENDED RANGE SOUND SYSTEM: Electronically Tuned AM/FM Stereo Radio
J65	BRAKES, POWER: Front and Rear Disc	YF5	EMISSION SYSTEM: California Emission Requirements
K05	HEATER, ENGINE BLOCK	ZJ7	WHEEL TRIM: Wheels, Rally. Color-Keyed
K35	SPEED CONTROL, AUTOMATIC: With Resume Speed	Z28	SPORT (Model Option)
LC1	ENGINE: 2.8 Liter 2 BBL V6		
LG4	ENGINE: 5.0 Liter 4 BBL V8		
LQ9	ENGINE: 2.5 Liter E.F.I. L4		
LU5	ENGINE: 5.0 Liter Dual C.F.I. V8		
MM4	TRANSMISSION: 4-Speed Manual		
MM5	TRANSMISSION: 5-Speed Manual		
MX0	TRANSMISSION WITH OVERDRIVE: Automatic		
MX1	TRANSMISSION: Automatic		
NA5	EMISSION SYSTEM: Standard Emission Equipment		

# CAMARO Z28 SPORT COUPE

## ✓ COLOR AND TRIM SELECTION

PLEASE NOTE: 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		Dk Blue	Dk Brown	Camel	Charcoal	Charcoal Burnt Org	Sand Gray
MODEL	SEAT TYPE						
1FP87 Z28	Vinyl Bucket .....	VDD2	VEE2	VCC2	VBB2		VQ02
	Cloth Bucket .....	CDD2	CEE2	CCC2	CBB2		CQ02
	Cloth L/S Contour Bucket .....	CDD9	CEE9			CLL9	
	Custom Vinyl Bucket .....	XDD2	XEE2		XBB2		XQ02
	Custom Cloth Bucket .....	FDD2	FEE2	FCC2	FBB2		FQ02
	Cust. Cloth L/S Contour Bucket .....	FDD9	FEE9			FLL9	

Exterior Paint Color	Color Code		Z28 Color Scheme Identification						
	L	U							
Beige	59	59	Gold			R	R		
Black	19	19	Gold			R			
Black	19	19	Red				R	R	
Black	19	19	Silver						R
Blue, Dark (Met)	27	27	Blue	R					
Brown, Dark (Met)	67	67	Brown		R				
Charcoal (Met)	82	82	Gold			R			
Charcoal (Met)	82	82	Silver				R	R	R
Gold, Dark (Met)	65	65	Gold			R			
Red	75	75	Red/Orange			R	R	R	
Silver (Met)	15	15	Charcoal				R	R	R
White	11	11	Blue	R					
White	11	11	Brown		R				
White	11	11	Charcoal						R
White	11	11	Gold			R			
White	11	11	Red				R	R	

L = Lower

U = Upper

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

ENGINE OPTION CONDITION		AXLE RATIO		
		2.93	3.23	3.73
WITH NA5 STANDARD EMISSIONS				
LG4	MM5	—	—	Std
	MX0	—	Std	—
LU5	MX0	—	Std	—
WITH YF5 CALIFORNIA EMISSIONS				
LG4	MM5	—	—	Std
	MX0	—	Std	—
LU5	MX0	Std	G92	—

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# CAMARO Z28 SPORT COUPE

REFER WEEKLY STOPS/LATEST UPDATE

## MODEL

1FP87/Z28 Camaro Z28 Sport Coupe  
 \_\_\_\_\_ Z28 Sport (Incls Quartz Clock, Special Instrumentation w/Tachometer, Sport Mirrors, Rear Spoiler, Leather-Wrapped Steering Wheel, Z28 Sport Suspension, Aluminum Wheels and P215/65 R-15 White Lettered Radial Tires)

**ENGINES: MUST ORDER ONE (See Power Teams)**

**STANDARD EMISSION EQUIPMENT (Also Satisfies High Altitude Requirements)—REQUIRES NA5**

\_\_\_\_\_ LG4 5.0 Liter 4 BBL V8  
 \_\_\_\_\_ LU5 5.0 Liter Dual C.F.I. V8 (Reqs MX0 Trans)

**CALIFORNIA EMISSION EQUIPMENT—REQUIRES YF5**

\_\_\_\_\_ LG4 5.0 Liter 4 BBL V8  
 \_\_\_\_\_ LU5 5.0 Liter Dual C.F.I. V8 (Reqs MX0 Trans)

**EMISSION SYSTEMS: MUST ORDER ONE (See Above)**

\_\_\_\_\_ NA5 Standard Emission Equipment  
 \_\_\_\_\_ YF5 California Emission Requirements

## ✓ QUICKSPEC

IF TRANSMISSION IN QUICKSPEC IS NOT DESIRED YOU MUST "PLUS" ANOTHER TRANSMISSION OPTION	2	2	2
	5	5	5
	0	1	2
	C	C	C
Sport	Z28	x	x x
Air Conditioning	C60	x	x x
Carpet Mats, Front Floor	B34	x	x x
Carpet Mats, Rear Floor	B35	x	x x
Glass, Tinted	A01	x	x x
Molding, Roof Drip	BX5	x	x x
Radio, Electronically Tuned AM/FM Stereo w/Clock	YE1	x	N/I N/I
Steering Wheel, Comfortilt	N33	x	x x
Transmission, Automatic w/Overdrive	MX0	x	x x
Defogger, Rear Window Electric	C49	x	x
Hatch Release, Power	A90	x	x
Radio, Electronically Tuned AM/FM Stereo w/Cassette Tape	YE4	x	x
Speed Control with Resume Speed	K35	x	x
Windows, Power	A31	x	x
Door Lock System, Power	AU3		x
Headlamps, Halogen Hi-Beam	TT5		x
Lighting, Auxiliary	TR9		x
W/S Wiper System, Intermittent	CD4		x

PLEASE REVIEW OPTION RESTRICTIONS BEFORE ORDERING

Q.S.	OPTION	
250	C60	AIR CONDITIONING
_____	G80	AXLE, REAR: —Limited Slip Differential (Incls Stowaway Spare Tire)
_____	G92	—Performance Ratio (See Power Teams Chart) (Reqs LU5 Eng, MX0 Trans and YF5 Emissions)
_____	UA1	BATTERY, HEAVY-DUTY
_____	J65	BRAKES, POWER: Front and Rear Disc (Reqs G80 Axle)
_____	UE8	CLOCK: Digital (Reqs U63 or U69 Radio) (Incl w/YE1, YE2 or YE4 Radio)
_____	V08	COOLING, HEAVY-DUTY
_____	D42	COVER: Rear Compartment, Cargo Area
251	C49	DEFOGGER, REAR WINDOW: Electric
252	AU3	DOOR LOCK SYSTEM, POWER
250	B34	FLOOR COVERING: —Carpet Mats, Front Floor
250	B35	—Carpet Mats, Rear Floor
250	A01	GLASS, TINTED: All Windows
251	A90	HATCH RELEASE, POWER
252	TT5	HEADLAMPS, HALOGEN HI-BEAM
_____	K05	HEATER, ENGINE BLOCK: (Recommended for use in Cold Climate Areas)
_____	U05	HORNS, DUAL
252	TR9	LIGHTING, AUXILIARY
_____	B48	LUGGAGE COMPARTMENT TRIM, DELUXE: (Reqs Custom Trim)
_____	DG7	MIRRORS: Sport, Electric Twin Remote
_____	B84	MOLDINGS: —Body Side Molding
_____	B93	—Door Edge Guard
250	BX5	—Roof Drip (N/A CC1 Roof Panels)
_____	B3W	PRELIMINARY PRICE INFORMATION
_____	BS1	QUIET SOUND GROUP
_____	U63	RADIO EQUIPMENT: —AM Radio
_____	U69	—AM/FM Radio
_____	U81	—Speakers, Dual Rear (Reqs U63 or U69 Radio)
_____	U73	—Fixed Mast Antenna (Incl w/U63, U69, YE1, YE2, YE4 or YF1 Radio)
_____	U75	—Power Antenna (Reqs U63, U69, YE1, YE2, YE4 or YF1 Radio) (N/A U73 Antenna)
_____	YF1	RADIO EQUIPMENT W/EXTENDED RANGE SOUND SYSTEM: —Electronically Tuned AM/FM Stereo Radio (N/A U68 Clock)
250	YE1	—Electronically Tuned AM/FM Stereo Radio w/Clock
_____	YE2	—Electronically Tuned AM/FM Stereo Radio w/Seek-Scan and Cassette Tape and Clock
251	YE4	—Electronically Tuned AM/FM Stereo Radio w/Cassette Tape and Clock
_____	CC1	ROOF PANELS: Removable Glass (N/A BX5 Roof Drip Mldgs)
_____	AG9	SEAT, POWER: Six-Way (Driver's Side Only)
251	K35	SPEED CONTROL, AUTOMATIC: With Resume Speed
250	N33	STEERING WHEEL: Comfortilt
_____	MM5	TRANSMISSIONS: (See Power Teams Chart) —5-Speed Manual (Reqs LG4 Eng)
250	MX0	—Automatic Transmission with Overdrive
251	A31	WINDOWS, POWER
_____	C25	WIPER SYSTEMS: —Rear Window Wiper Washer
252	CD4	—Windshield, Intermittent

# CAMARO BERLINETTA

## ✓ COLOR AND TRIM SELECTION

PLEASE NOTE: 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		Dk Blue	Dk Brown	Camel	Charcoal	Sand Gray
MODEL	SEAT TYPE					
1FS87	Custom Vinyl Bucket .....	XDD2	XEE2		XBB2	XQQ2
	Custom Cloth Bucket .....	FDD2	FEE2	FCC2	FBB2	FQQ2

Exterior Paint Color	Color Code L	Color Code U	Accent Color	Dk Blue	Dk Brown	Camel	Charcoal	Sand Gray
Beige	59	59	Charcoal (Met)			R	R	
Black	19	19	Charcoal (Met)			R	R	R
Blue, Light (Met)	22	22	Dk Blue (Met)	R				
Brown, Light (Met)	62	62	Dk Brown (Met)		R			
Charcoal (Met)	82	82	Black			R	R	R
Gold, Dark (Met)	65	65	Charcoal (Met)			R	R	
Red	75	75	Charcoal (Met)			R	R	R
Silver (Met)	15	15	Charcoal (Met)				R	R
White	11	11	Charcoal (Met)	R	R	R	R	R

## ✓ STANDARD STRIPE COLORS (Gold Stripe Included with all Combinations)

Beige	59			Dk Gray	Dk Gray	
Black	19			Dk Gray	Dk Gray	Dk Gray
Blue, Light (Met)	22	Dk Blue				
Brown, Light (Met)	62		Dk Brown			
Charcoal (Met)	82			Black	Black	Black
Gold, Dark (Met)	65			Dk Gray	Dk Gray	
Red	75			Dk Gray	Dk Gray	Dk Gray
Silver (Met)	15				Dk Gray	Dk Gray
White	11	Dk Gray	Dk Gray	Dk Gray	Dk Gray	Dk Gray

L = Lower U = Upper

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

ENGINE OPTION CONDITION		AXLE RATIO			
		3.08	3.23	3.42	3.73
<b>WITH NA5 STANDARD EMISSIONS</b>					
LC1	MM5	—	—	Std	—
	MX0	—	—	—	—
LG4	MM5	Std	Std	—	—
	MX0	—	—	—	Std
<b>WITH YF5 CALIFORNIA EMISSIONS</b>					
LC1	MM5	—	—	Std	—
	MX0	—	—	—	—
LG4	MM5	Std	Std	—	—
	MX0	—	—	—	Std

# CAMARO BERLINETTA

REFER WEEKLY STOPS/LATEST UPDATE

## MODEL

1FS87

*Camaro Berlinetta Coupe (Incls Special Instrumentation w/Tachometer, Sport Mirrors, Two-Tone Paint, Quiet Sound Group, Custom Interior Trim and Aluminum Wheels)*

## ENGINES: MUST ORDER ONE (See Power Teams)

### STANDARD EMISSION EQUIPMENT (Also Satisfies High Altitude Requirements)—REQUIRES NA5

- ✓ LC1 2.8 Liter 2 BBL V6
- LG4 5.0 Liter 4 BBL V8 (Reqs MM5 or MX0 Trans)

### CALIFORNIA EMISSION EQUIPMENT—REQUIRES YF5

- ✓ LC1 2.8 Liter 2 BBL V6
- LG4 5.0 Liter 4 BBL V8 (Reqs MM5 or MX0 Trans)

## EMISSION SYSTEM: MUST ORDER ONE (See Above)

- NA5 Standard Emission Equipment
- YF5 California Emission Requirements

## ✓ QUICK-SPEC

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

		2	2	2
		5	5	5
		5	6	7
		B	A	C
Air Conditioning	C60	x	x	x
Carpet Mats, Front Floor	B34	x	x	x
Carpet Mats, Rear Floor	B35	x	x	x
Glass, Tinted	A01	x	x	x
Moldings, Body Side	B84	x	x	x
Molding, Roof Drip	BX5	x	x	x
Radio, Electronically Tuned AM/FM Stereo w/Clock	YE1	x	N/I	N/I
Steering Wheel, Comfortilt	N33	x	x	x
Tires, P205/70 R-14 White Stripe	QVU	x	x	x
Transmission, Automatic	MX1	x	x	x
Defogger, Rear Window Electric	C49	x	x	
Hatch Release, Power	A90	x	x	
Lighting, Auxiliary	TR9	x	x	
Moldings, Door Edge Guard	B93	x	x	
Radio, Electronically Tuned AM/FM Stereo w/Cassette Tape	YE4	x	x	
Speed Control with Resume Speed	K35	x	x	
Cover, Rear Compartment Cargo Area	D42		x	
Door Lock System, Power	AU3		x	
Headlamps, Halogen Hi-Beam	TT5		x	
Spoiler, Rear	D80		x	
Windows, Power	A31		x	
W/S Wiper System, Intermittent	CD4		x	

## PLEASE REVIEW OPTION RESTRICTIONS BEFORE ORDERING

### Q-S OPTION

255	C60	AIR CONDITIONING
—	G80	AXLE, REAR: Limited Slip Differential (Incls Stowaway Spare Tire)
—	UA1	BATTERY, HEAVY-DUTY
—	J65	BRAKES, POWER: Front and Rear Disc (Reqs LG4 Eng and G80 Axle)
—	UE8	CLOCK: Digital (Reqs U63 or U69 Radio) (Incl w/YE1, YE2 or YE4 Radio)
—	V08	COOLING, HEAVY-DUTY
257	D42	COVER: Rear Compartment, Cargo Area
256	C49	DEFOGGER, REAR WINDOW: Electric
257	AU3	DOOR LOCK SYSTEM, POWER
255	B34	FLOOR COVERING: Carpet Mats, Front Floor
255	B35	—Carpet Mats, Rear Floor
255	A01	GLASS, TINTED: All Windows
256	A90	HATCH RELEASE, POWER
257	TT5	HEADLAMPS, HALOGEN HI-BEAM
—	K05	HEATER, ENGINE BLOCK: (Recommended for use in Cold Climate Areas)
256	TR9	LIGHTING, AUXILIARY
—	DG7	MIRRORS: Sport, Electric Twin Remote
255	B84	MOLDINGS: Body Side
256	B93	—Door Edge Guard
255	BX5	—Roof Drip (N/A CC1 Roof Panels)
—	B3W	PRELIMINARY PRICE INFORMATION
—	U63	RADIO EQUIPMENT: AM Radio
—	U69	—AM/FM Radio
—	U81	—Speakers Dual Rear (Reqs U63 or U69 Radio)
—	U73	—Fixed Mast Antenna (Incl w/U63, U69, YE1, YE2, YE4 or YF1 Radio)
—	U75	—Power Antenna (Reqs U63, U69, YE1, YE2, YE4 or YF1 Radio) (N/A U73 Antenna)
—	YF1	RADIO EQUIPMENT W/EXTENDED RANGE SOUND SYSTEM: Electronically Tuned AM/FM Stereo Radio (N/A UE8 Clock)
255	YE1	—Electronically Tuned AM/FM Stereo Radio w/Clock
—	YE2	—Electronically Tuned AM/FM Stereo Radio w/Seek-Scan and Cassette Tape and Clock
256	YE4	—Electronically Tuned AM/FM Stereo Radio w/Cassette Tape and Clock
—	CC1	ROOF PANELS: Removable Glass (N/A BX5 Roof Drip Moldings)
256	AG9	SEAT, POWER: Six-Way (Driver's Side Only)
—	K35	SPEED CONTROL, AUTOMATIC: With Resume Speed
257	D80	SPOILER: Rear
255	N33	STEERING WHEEL: Comfortilt
—	QYA	TIRES: (B/W: Blackwall, W/S: White Stripe)
255	QVU	Steel Belted Radial Ply
—	MM5	—P205/70 R-14 B/W (Base)
255	MX1	—P205/70 R-14 W/S
257	A31	TRANSMISSIONS: (See Power Teams Chart)
—	MX0	—5-Speed Manual
—	A31	—Automatic
—	C25	—Automatic Transmission with Overdrive
257	CD4	WINDOWS, POWER
—	CD4	WIPER SYSTEMS: Rear Window Wiper/Washer
—	CD4	—Windshield, 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		Dk Blue	Dk Brown	Camel	Charcoal	Sand Gray
MODEL	SEAT TYPE					
1FP87	Vinyl Bucket	VDD2	VEE2	VCC2	VBB2	VQQ2
	Cloth Bucket	CDD2	CEE2	CCC2	CBB2	CQQ2
	Custom Vinyl Bucket	XDD2	XEE2		XBB2	XQQ2
	Custom Cloth Bucket	FDD2	FEE2	FCC2	FBB2	FQQ2

Exterior Paint Color	Color Code						
	L	U					
Beige	59	59		A	R	R	
Black	19	19			R	R	R
Blue, Dark (Met)	27	27	R				
Blue, Light (Met)	22	22	R				
Brown, Dark (Met)	67	67		R			
Brown, Light (Met)	62	62		R			
Charcoal (Met)	82	82			R	R	R
Gold, Dark (Met)	65	65			R	R	
Red	75	75			A	R	R
Silver (Met)	15	15	A		A	R	R
White	11	11	R	R	R	R	R

L = Lower

U = Upper

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

ENGINE OPTION CONDITION		AXLE RATIO			
		3.08	3.23	3.42	3.73
<b>WITH NA5 STANDARD EMISSIONS</b>					
*LQ9	MM4	—	—	Std	—
	MM5 or MX0	—	—	—	Std
	MX1	Std	G92	—	—
*LC1	MM5	—	—	Std	—
	MX0	—	Std	—	—
	MX1	Std	—	—	—
*LG4	MM5	—	—	—	Std
	MX0	Std	—	—	—
<b>WITH NA6 HIGH ALTITUDE EMISSIONS</b>					
LQ9	MX1	—	G84	—	—
<b>WITH YF5 CALIFORNIA EMISSIONS</b>					
LQ9	MM4	—	—	Std	—
	MM5 or MX0	—	—	—	Std
	MX1	Std	G92	—	—
LC1	MM5	—	—	Std	—
	MX0	—	Std	—	—
	MX1	Std	—	—	—
LG4	MM5	—	—	—	Std
	MX0	Std	—	—	—

\*Satisfies High Altitude Emission Requirements

# CAMARO

REFER WEEKLY STOPS/LATEST UPDATE

## MODEL

1FP87

Camaro Sport Coupe

**ENGINES: MUST ORDER ONE (See Power Teams)**

**STANDARD EMISSION EQUIPMENT (Also Satisfies High Altitude Requirements)—REQUIRES NA5**

- ✓ ☐ LQ9 2.5 Liter E.F.I. L4
- ✓ ☐ LC1 2.8 Liter 2 BBL V6 (N/A MM4 Trans)
- ☐ LG4 5.0 Liter 4 BBL V8 (Reqs MM5 or MX0 Trans)

**HIGH ALTITUDE EMISSION EQUIPMENT—REQUIRES NA6**

- ☐ LQ9 2.5 Liter E.F.I. L4 (Reqs G84 Axle and MX1 Trans)
- (FOR PERFORMANCE PURPOSES; NOT REQUIRED TO SATISFY HIGH ALTITUDE EMISSION REGULATIONS)

**CALIFORNIA EMISSION EQUIPMENT—REQUIRES YF5**

- ✓ ☐ LQ9 2.5 Liter E.F.I. L4
- ☐ LC1 2.8 Liter 2 BBL V6 (N/A MM4 Trans)
- ☐ LG4 5.0 Liter 4 BBL V8 (Reqs MM5 or MX0 Trans)

**EMISSION SYSTEM: MUST ORDER ONE (See Above)**

- ☐ NA5 Standard Emission Equipment
- ☐ NA6 High Altitude Emission Equipment
- ☐ YF5 California Emission Requirements

## ✓ QUICK-SPEC

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

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	BX5	x	x	x	x
Radio, AM	U63	x	N/I	N/I	N/I
Tires, P195/75 R-14 White Stripe (QVJ w/LC1 or LG4 Eng)	QYG	x	x	N/I	N/I
Transmission, Automatic	MX1	x	x	x	x
Wheel Covers, Full	P01	x	N/I	N/I	N/I
Carpet Mats, Front Floor	B34	x	x	x	x
Carpet Mats, Rear Floor	B35	x	x	x	x
Defogger, Rear Window Electric	C49	x	x	x	x
Radio, Electronically Tuned AM/FM Stereo w/Clock	YE1	x	N/I	N/I	N/I
Steering Wheel, Comfortilt	N33	x	x	x	x
Wheels, Rally	ZJ7	x	x	x	x
Hatch Release, Power	A90	x	x	x	x
Moldings, Body Side	B84	x	x	x	x
Radio, Electronically Tuned AM/FM Stereo w/Cassette Tape	YE4	x	x	x	x
Speed Control with Resume Speed	K35	x	x	x	x
Tires, P205/70 R-14 White Lettered	QYC	x	x	x	x
Windows, Power	A31	x	x	x	x
W/S Wiper System, Intermittent	CD4	x	x	x	x
Door Lock System, Power	AU3	x	x	x	x
Lighting, Auxiliary	TR9	x	x	x	x
Moldings, Door Edge Guard	B93	x	x	x	x
Spoiler, Rear	D80	x	x	x	x

PLEASE REVIEW OPTION RESTRICTIONS BEFORE ORDERING

Q-S	OPTION
260	C60 AIR CONDITIONING
	AXLES, REAR:
	—Limited Slip Differential (Incls Stowaway Spare Tire)
	G80 —High Altitude Ratio (Reqs NA6 Emissions and LQ9 Eng)
	G84 —Performance Ratio (See Power Teams Chart) (Reqs LQ9 Eng and MX1 Trans)
	G92 —Performance Ratio (See Power Teams Chart) (Reqs LQ9 Eng and MX1 Trans)
	UA1 BATTERY, HEAVY-DUTY
	J65 BRAKES, POWER: Front and Rear Disc (Reqs LG4 Eng and G80 Axle)

PLEASE REVIEW OPTION RESTRICTIONS BEFORE ORDERING

Q-S OPTION

	UE8	CLOCKS:
	U35	—Digital (Reqs U63 or U69 Radio) (Incl w/YE1, YE2 or YE4 Radio)
	V08	—Quartz Electric (N/A UE8 Clock, YE1, YE2 or YE4 Radio)
	D42	COOLING, HEAVY-DUTY
	C49	COVER: Rear Compartment, Cargo Area
261	AU3	DEFOGGER, REAR WINDOW: Electric
263		DOOR LOCK SYSTEM, POWER
		FLOOR COVERING:
261	B34	—Carpet Mats, Front Floor
261	B35	—Carpet Mats, Rear Floor
260	A01	GLASS, TINTED: All Windows
262	A90	HATCH RELEASE, POWER
	TT5	HEADLAMPS, HALOGEN HI-BEAM
	K05	HEATER, ENGINE BLOCK: (N/A NA6 Emissions) (Recommended for use in Cold Climate Areas)
	U05	HORNS, DUAL
	U21	INSTRUMENTATION: Special
263	TR9	LIGHTING, AUXILIARY
	B48	LUGGAGE COMPARTMENT TRIM, DELUXE: (Reqs Custom Trim)
		MIRRORS:
260	D35	—Sport, LH Remote and RH Manual
	DG7	—Sport Electric, Twin Remote
		MOLDINGS:
262	B84	—Body Side
263	B93	—Door Edge Guard
260	BX5	—Roof Drip (N/A CC1 Roof Panels)
	B3W	PRELIMINARY PRICE INFORMATION
	BS1	QUIET SOUND GROUP: (Incl w/Custom Trim)
		RADIO EQUIPMENT:
260	U63	—AM Radio
	U69	—AM/FM Radio
	U81	—Speakers, Dual Rear (Reqs U63 or U69 Radio)
	U73	—Fixed Mast Antenna (Incl w/U63, U69, YE1, YE2, YE4 or YF1 Radio)
	U75	—Power Antenna (Reqs U63, U69, YE1, YE2, YE4 or YF1 Radio) (N/A U73 Antenna)
		RADIO EQUIPMENT W/EXTENDED RANGE
		SOUND SYSTEM:
	YF1	—Electronically Tuned AM/FM Stereo Radio (N/A UE8 Clock)
261	YE1	—Electronically Tuned AM/FM Stereo Radio w/Clock
	YE2	—Electronically Tuned AM/FM Stereo Radio w/Seek-Scan and Cassette Tape and Clock
262	YE4	—Electronically Tuned AM/FM Stereo Radio w/Cassette Tape and Clock
	CC1	ROOF PANELS: Removable Glass (N/A BX5 Roof Drip Moldings)
	AG9	SEAT, POWER: Six-Way (Driver's Side Only)
262	K35	SPEED CONTROL, AUTOMATIC: With Resume Speed
263	D80	SPOILER: Rear
261	N33	STEERING WHEEL: Comfortilt
	F41	SUSPENSION, SPORT: (Reqs ZJ7 Wheels and QVU, QYA, or QYC Tires)
		TIRES: (B/W: Blackwall, W/S White Stripe W/L: White Lettered)
		Fiberglass Belted Radial Ply
	QYF	—P195/75 R-14 B/W (Base) (Reqs LQ9 Eng)
260	QYG	—P195/75 R-14 W/S (Reqs LQ9 Eng)
		Steel Belted Radial Ply
	QXV	—P195/75 R-14 B/W (N/A LQ9 Eng)
	QVJ	—P195/75 R-14 W/S (N/A LQ9 Eng)
	QYA	—P205/70 R-14 B/W (Reqs ZJ7 Wheels)
262	QYC	—P205/70 R-14 W/L (Reqs ZJ7 Wheels)
	QVU	—P205/70 R-14 W/S (Reqs ZJ7 Wheels)
		TRANSMISSIONS: (See Power Teams Chart)
	MM4	—4-Speed Manual (Reqs LQ9 Eng)
	MM5	—5-Speed Manual
	MX0	—Automatic Transmission with Overdrive
260	MX1	—Automatic
		WHEEL TRIM:
		—Wheel Covers, Full
261	ZJ7	—Wheels, Rally, Color-Kevlar
262	A31	WINDOWS, POWER
		WIPER SYSTEMS:
	C25	—Rear Window Wiper Washer
262	CD4	—Windshield, Intermittent

REVISED: 2-1-83

1983 DEALER ORDER GUIDE

✓ Indicates Change

CAMARO  
Page 7

## NOTES

# CAMARO

## 1983 VEHICLES WITH STANDARD EQUIPMENT

Prices shown are effective with initial shipment of 1983 model motor vehicles

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
♦ 4-Cylinder Engine Sport Coupe.....	1FP87	—	101"	7168.11	6927.30	9.00	8027.00	8036.00	4
♦ 6-Cylinder Engine Berlinetta Coupe....	1FS87	—	101"	8814.80	8518.67	10.00	9871.00	9881.00	4
♦ 8-Cylinder Engine Z28 Sport Coupe....	1FP87	Z28	101"	9220.23	8910.48	11.00	10325.00	10336.00	4

- ★ 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 initial shipment of 1983 model motor vehicles

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>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
C**9 Cloth LS Contour Bucket Seats .....		318.75	307.50	N.A.	375.00	375.00
Custom Interior. Includes Berlinetta type seats, seat trim and door trim.						
X**2 Custom Vinyl Bucket Seats					NO ADDITIONAL CHARGE	
Berlinetta Coupe.....						
Sport Coupe. Includes BS1 Quiet Sound Group .....		254.15	245.18	N.A.	299.00	299.00
Z28 Sport Coupe .....		192.95	186.14	N.A.	227.00	227.00
F**9 Custom Cloth LS Contour Bucket Seats .....		552.50	533.00	N.A.	650.00	650.00
F**2 Custom Cloth Bucket Seats						
Berlinetta Coupe.....					NO ADDITIONAL CHARGE	
Sport Coupe. Includes BS1 Quiet Sound Group.....		254.15	245.18	N.A.	299.00	299.00
Z28 Sport Coupe .....		192.95	186.14	N.A.	227.00	227.00
<b>Exterior Color: Paint, Solid .....</b>						
<b>Engines:</b> (Refer to Dealer Order Guide for Emission System Requirements)						
2.5 Liter E.F.I. L4 .....	LQ9				NO ADDITIONAL CHARGE	
2.8 Liter 2 BBL V6. Standard on Berlinetta Coupe.....	LC1	127.50	123.00	N.A.	150.00	150.00
5.0 Liter C.F.I. V8 .....	LU5	382.50	369.00	N.A.	450.00	450.00
5.0 Liter 4 BBL V8. Standard on Z28 Sport Coupe.						
Berlinetta Coupe .....	LG4	191.25	184.50	N.A.	225.00	225.00
Sport Coupe.....	LG4	297.50	287.00	N.A.	350.00	350.00
<b>Air Conditioning:</b> Includes increased cooling .....						
	C60	616.25	594.50	N.A.	725.00	725.00
<b>Axles, Rear:</b>						
Limited Slip Differential. Includes snowway spare tire. ...	G80	80.75	77.90	.47	95.00	95.47
Performance Ratio .....	G92	17.85	17.22	N.A.	21.00	21.00
<b>Battery, Heavy-Duty .....</b>						
	UA1	21.25	20.50	N.A.	25.00	25.00
<b>Brakes, Power: Front and rear disc .....</b>						
	J65	152.15	146.78	N.A.	179.00	179.00
<b>Clocks:</b>						
Quartz Electric. Standard on Berlinetta Coupe and Z28 Sport Coupe.....						
Digital. Included with YE1, YE2 or YE4 Radio.	U35	29.75	28.70	N.A.	35.00	35.00
Berlinetta and Z28 Sport Coupe .....	UE8				NO ADDITIONAL CHARGE	
Sport Coupe .....	UE8	33.15	31.98	N.A.	39.00	39.00
<b>Cooling, Heavy-Duty:</b>						
Without C60 Air Conditioning .....	V08	59.50	57.40	N.A.	70.00	70.00
With C60 Air Conditioning .....	V08	34.00	32.80	N.A.	40.00	40.00
<b>Cover, Rear Compartment: Cargo Area .....</b>						
	D42	54.40	52.48	N.A.	64.00	64.00
<b>Defogger, Rear Window: Electric .....</b>						
	C49	114.75	110.70	N.A.	135.00	135.00

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 ◇ State and local taxes not included.

# CAMARO

## OPTIONS AND ACCESSORIES WHEN INSTALLED BY CHEVROLET

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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>Door Lock System, Power:</b> <i>Electric</i> .....	AU3	102.00	98.40	N.A.	120.00	120.00
<b>Emission Systems:</b>						
<i>California Emission Requirements. Includes all testing, equipment and /or certification necessary for registration in the State of California</i> .....	YF5					
<i>High Altitude Emission Equipment</i> .....	NA6					
<i>Standard Emission Equipment</i> .....	NA5					
<b>Floor Covering:</b> <i>Mats, Floor. Carpeted Inserts</i>						
2 Front only .....	B34	17.00	16.40	N.A.	20.00	20.00
2 Rear only .....	B35	12.75	12.30	N.A.	15.00	15.00
<b>Glass, Tinted:</b> <i>All Windows</i> .....	A01	89.25	86.10	N.A.	105.00	105.00
<b>Hatch Release:</b> <i>Power</i> .....	A90	34.00	32.80	N.A.	40.00	40.00
<b>Headlamps, Halogen Hi-Beam</b> .....	TT5	8.50	8.20	N.A.	10.00	10.00
<b>Horns, Dual:</b> <i>Standard on Berlinetta Coupe</i> .....	U05	10.20	9.84	N.A.	12.00	12.00
<b>Instrumentation:</b> <i>Special. Standard on Berlinetta Coupe and Z28 Sport Coupe. Includes tachometer, voltmeter, oil pressure, temperature gages and trip odometer.</i> .....	U21	126.65	122.18	N.A.	149.00	149.00
<b>Lighting, Auxiliary:</b> <i>Includes headlight warning buzzer, luggage compartment and underhood lights. Also includes dome and map reading lights</i> .....	TR9	44.20	42.64	N.A.	52.00	52.00
<b>Luggage Compartment Trim, Deluxe:</b> <i>Standard on 1FS87. Includes rear compartment storage cover</i> .....	B48	139.40	134.48	N.A.	164.00	164.00
<b>Mirrors:</b>						
<i>Sport, Electric Twin Remote.</i>						
Berlinetta Coupe and Z28 Sport Coupe .....	DG7	75.65	72.98	N.A.	89.00	89.00
Sport Coupe .....	DG7	116.45	112.34	N.A.	137.00	137.00
<i>Sport, LH Remote and RH Manual. Standard on Berlinetta Coupe and Z28 Sport Coupe.</i> .....	D35	43.35	41.82	N.A.	51.00	51.00
<b>Moldings:</b>						
<i>Body Side, black vinyl</i> .....	B84	46.75	45.10	N.A.	55.00	55.00
<i>Door Edge Guards</i> .....	B93	12.75	12.30	N.A.	15.00	15.00
<i>Roof Drip</i> .....	BX5	24.65	23.78	N.A.	29.00	29.00
<b>Preliminary Price Information</b> .....	B3W	.40	.40	N.A.	N.A.	N.A.
<b>Quiet Sound Group:</b> <i>Standard on Berlinetta Coupe, Sport Coupe. Includes courtesy lights. Included with custom trim.</i> .....	BS1	69.70	67.24	N.A.	82.00	82.00
Z28 Sport Coupe .....	BS1	61.20	59.04	N.A.	72.00	72.00
<b>Radio Equipment:</b>						
<i>AM Radio</i> .....	U63	95.20	91.84	N.A.	112.00	112.00
<i>AM /FM Radio</i> .....	U69	145.35	140.22	N.A.	171.00	171.00
<i>Speakers, Dual Rear</i> .....	U81	25.50	24.60	N.A.	30.00	30.00
<i>Fixed Mast Antenna. Included with radio</i> .....	U73	34.85	33.62	N.A.	41.00	41.00
<i>Power Antenna</i> .....	U75	51.00	49.20	N.A.	60.00	60.00
<b>Radio Equipment with Extended Range Sound System:</b>						
<i>AM /FM Stereo Radio with clock. Electronically Tuned.</i>						
Z28 Sport Coupe or Berlinetta .....	YE1	226.95	218.94	N.A.	267.00	267.00
Sport Coupe only .....	YE1	256.70	247.64	N.A.	302.00	302.00
<i>AM /FM Stereo Radio and Stereo Cassette Tape with Seek /Scan and Clock. Electronically Tuned.</i>						
Z28 Sport Coupe or Berlinetta .....	YE2	442.00	426.40	N.A.	520.00	520.00
Sport Coupe only .....	YE2	471.75	455.10	N.A.	555.00	555.00
<i>AM /FM Stereo Radio with Stereo Cassette Tape and Clock. Electronically Tuned</i>						
Z28 Sport Coupe or Berlinetta only .....	YE4	311.95	300.94	N.A.	367.00	367.00
Sport Coupe only .....	YE4	341.70	329.64	N.A.	402.00	402.00
<b>Roof Panels:</b> <i>Removable Glass</i> .....	CC1	701.25	676.50	N.A.	825.00	825.00
<b>Seat, Power:</b> <i>Electric, 6-Way Control. Driver's side only.</i> ..	AG9	178.50	172.20	N.A.	210.00	210.00
<b>Speed Control, Automatic:</b> <i>With Resume Speed.</i> .....	K35	144.50	139.40	N.A.	170.00	170.00

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# CAMARO

## OPTIONS AND ACCESSORIES WHEN INSTALLED BY CHEVROLET

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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>Spoiler:</b> Rear. Standard on Z28 Sport Coupe	D80	58.65	56.58	N.A.	69.00	69.00
<b>Steering Wheel:</b> Comfortilt.	N33	89.25	86.10	N.A.	105.00	105.00
<b>Suspension:</b> Sport. Includes larger diameter front stabilizer bar, added rear stabilizer bar and special front and rear shock absorbers.	F41	41.65	40.18	N.A.	49.00	49.00
<b>Tires:</b>						
P195 /75 R-14 Fiberglass Belted Radial Ply Blackwall. Standard except on Berlinetta and Z28 Sport Coupe.	QYF			NO ADDITIONAL CHARGE		
P195 /75 R-14 Fiberglass Belted Radial Ply White Stripe	QYG	52.70	50.84	N.C.	62.00	62.00
P195 /75 R-14 Steel Belted Radial Ply Blackwall	QXV	54.40	52.48	.48	64.00	64.48
P195 /75 R-14 Steel Belted Radial Ply White Stripe	QVJ	107.10	103.32	.48	126.00	126.48
P205 /70 R-14 Steel Belted Radial Ply White Lettered	QYC	178.50	172.20	.68	210.00	210.68
P205 /70 R-14 Steel Belted Radial Ply Blackwall. Standard on Berlinetta Coupe.	QYA	103.70	100.04	.68	122.00	122.68
P205 /70 R-14 Steel Belted Radial Ply White Stripe Berlinetta Coupe	QVU	56.10	54.12	N.C.	66.00	66.00
Sport Coupe	QVU	159.80	154.16	.68	188.00	188.68
<b>Transmissions:</b>						
4-Speed Manual.	MM4			NO ADDITIONAL CHARGE		
5-Speed Manual						
Z28 Sport Coupe or Berlinetta only.	MM5			NO ADDITIONAL CHARGE		
Sport Coupe only.	MM5	106.25	102.50	N.A.	125.00	125.00
<b>Automatic</b>						
Berlinetta only	MX1	165.75	159.90	N.A.	195.00	195.00
Sport Coupe only	MX1	361.25	348.50	N.A.	425.00	425.00
<b>Automatic with Overdrive</b>						
Z28 Sport Coupe or Berlinetta Coupe.	MX0	250.75	241.90	N.A.	295.00	295.00
Sport Coupe	MX0	446.25	430.50	N.A.	525.00	525.00
<b>Wheel Trim:</b>						
Wheel Covers, Full.	P01	44.20	42.64	N.A.	52.00	52.00
Wheels, Rally. Color-Keyed. Includes styled wheels, special hub caps and trim rings.	ZJ7	95.20	91.84	N.A.	112.00	112.00
<b>Windows:</b> Power: Electric	A31	153.00	147.60	N.A.	180.00	180.00
<b>Wiper Systems:</b>						
Windshield, Intermittent	CD4	41.65	40.18	N.A.	49.00	49.00
Rear Window Wiper/Washer.	C25	102.00	98.40	N.A.	120.00	120.00

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# NOTES

ORIGINAL

ENGINES

5.0 LITER V-8 HO (HIGH OUTPUT) ENGINES

RPO L69

MONTE CARLO SS  
180 HORSEPOWER

CAMARO Z28  
190 HORSEPOWER

The two versions of the 5.0 liter V-8 HO engine, introduced late 1983 model year, are continued for 1984 Monte Carlo SS and Camaro Z28 with minor improvements. Designed with special components, the new engines offer increased performance over the RPO LG4, 5.0 liter V-8.

For 1983 the horsepower increase over the LG4 is 16.7% in the Monte Carlo and 26.7% in the Z28. For 1984 the Monte Carlo SS rating is increased from 175 to 180 horsepower providing a 20% improvement over the LG4 engine.

From the carburetor to the exhaust manifolds the L69 features improvements over the LG4 engine that are the same whether used with the Monte Carlo SS or Z28. These features include a higher lift camshaft with longer valve opening durations, a higher compression ratio and an electronically controlled ignition spark system which helps improve operational efficiency.

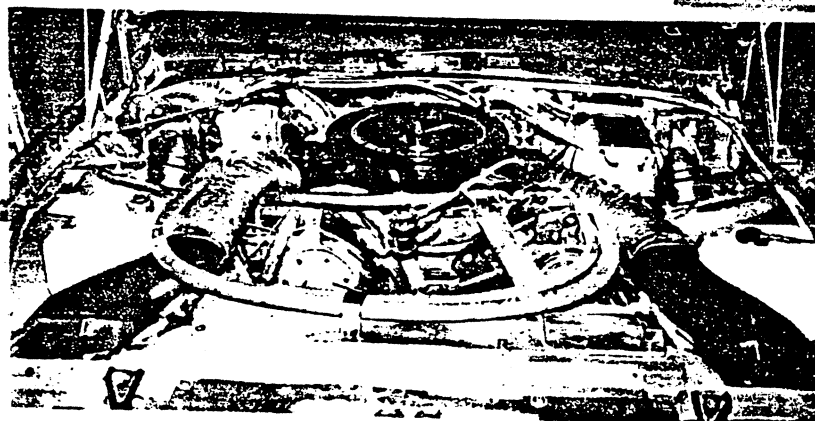
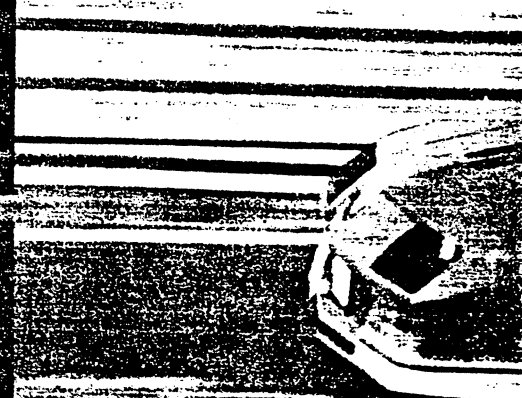
With the new camshaft, the inlet valve lift is increased a little over 15 percent and open duration from 300 to 320 degrees. The exhaust lift is increased by nearly 8 percent and the open duration extended from 310 to 320 degrees. With the added breathing afforded by the new valve events, torque peak rpm is increased, thus, increasing the power peak rpm and output. Another change that helps to improve engine efficiency is the use of a sumplex piston which elevates the compression ratio from 8.6:1 to 9.5:1.

# CAMARO Z28



WHEELBASE	101 inches
OVERALL LENGTH	189.4 inches
CURB WEIGHT	3150 pounds
WEIGHT DISTRIBUTION	56.3% front - 43.7% rear
<b>ENGINE</b>	
Cylinder block, heads	Cast iron
Inlet manifold	Aluminum
Displacement	305 cid (5.0 liters)
Horsepower	190 at 4800 rpms
Torque	240 lbs/ft at 3200 rpms
Compression ratio	9.5:1 with electronic spark control
Fuel system	4-bbl Rochester, quadrajet carburetor
Valvetrain	Pushrod, hydraulic lifters
Valve diameter	1.84" inlet, 1.50" exhaust
Camshaft duration	320° inlet, 320° exhaust
Camshaft lift	.410" inlet, .423" exhaust
Crankshaft	Cast iron, five main bearings
Exhaust system	2 7/4" front exhaust pipes, smooth (laminar) flow inlet monolithic converter, 2 3/4" rear exhaust pipe with single large volume dual outlet muffler
<b>DRIVETRAIN</b>	
Transmission	5-speed manual
Transmission ratios (5th)	.73:1
(4th)	1:1
(3rd)	1.34:1
(2nd)	1.94:1
(1st)	2.95:1
Axle ratio	3.73:1
<b>SUSPENSION</b>	
Front (Z28)	Independent, modified MacPherson strut, 1.26" dia stabilizer bar, coil springs
Rear (Z28)	Torque arm with two LCA's, .83" dia stabilizer bar, coil springs
<b>STEERING</b>	
	Power, recirculating ball, 12.7:1 ratio
<b>WHEELS AND TIRES</b>	
Wheel size	15 x 7 inches
Wheel type	Cast aluminum
Tire size	Steel-belted P215/65R15
Tire manufacturer	Goodyear
<b>CALCULATED DATA</b>	
Speed per 1000 rpm in top gear	27.7 mph
Aerodynamic drag coefficient	.339
<b>FUEL ECONOMY</b>	
EPA city estimate	17 mpg
EPA highway estimate	27 mpg

# COUNTER ATTACK!



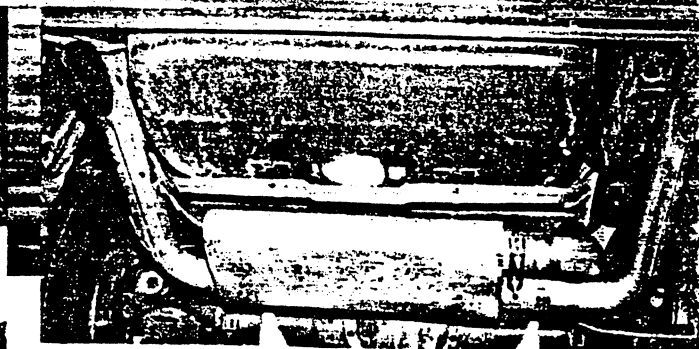
(top)

An L69-equipped '83 Z28 still isn't quite up to the performance of the much lighter Mustang, but an experienced driver can make up the difference. The Mustang is still a tenth or two quicker in the acceleration department, but the Camaro still rules when it comes to styling and road-holding ability.

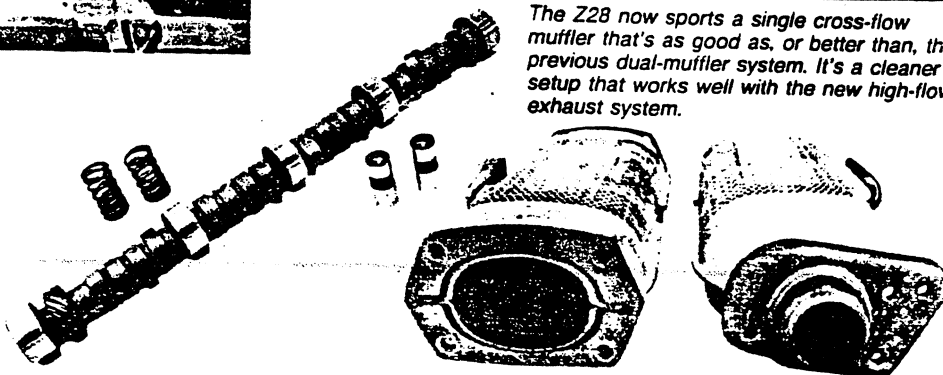
(above)

Although equipped with a 4-barrel carburetor, the L69 engine is based on the earlier LU5 fuel injection short-block that features a 9.5:1 compression ratio. The Z28 option is rated at 190 hp @ 4800 rpm and 240 ft./lbs. of torque at 3200 rpm.

Substituting an electric fan removed a little engine drag and cleaned up the front of the engine compartment. The new Camaro is equipped with a serpentine belt drive for all the accessories.



The Z28 now sports a single cross-flow muffler that's as good as, or better than, the previous dual-muffler system. It's a cleaner setup that works well with the new high-flow exhaust system.



Performance has been further improved with the addition of a high-lift camshaft. It sports .410 and .423-inch lift on the intake and exhaust valves, respectively, with 320 degrees advertised duration on both valves.

The new converter is borrowed from the Corvette. It is a smooth (laminar flow) inlet monolithic converter with plenty of flow capacity for the new high-performance engine. Note the restrictive inlet size of the old converter on the right.

## Chevrolet Offers a New 190 HP Z28 Engine Option and a 175

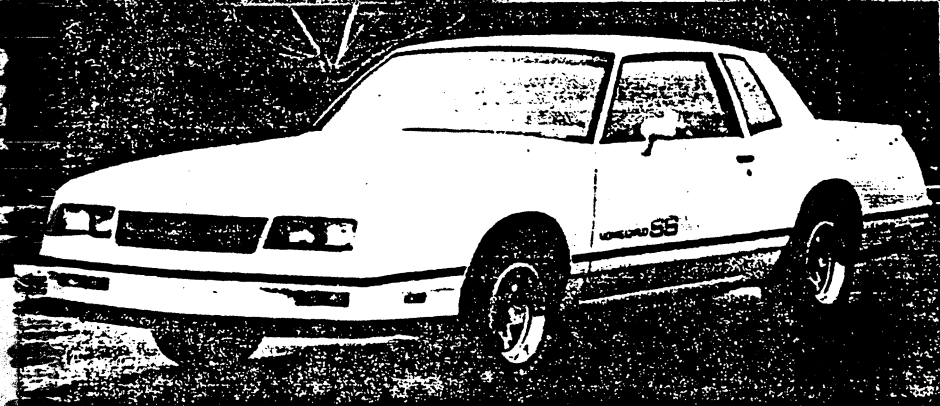
**C**hevrolet's new L69 engine option for the Z28 Camaro was designed with a singular purpose. The Camaro was just a blink away from being one of the best looking and best handling cars in the world, but it was horribly underpowered. Something had to be done to uphold its image against pretenders to the throne. Sure it would be a snap to drop in a 350-c.i.d. engine and start taking names, but that approach presented certification problems and unfavorable fuel economy. It was obviously time to apply a little hot rodding science to the lackluster 305-c.i.d. engine, hence the development of the 190 hp L69 engine option—a powerplant that adheres rigidly to proven hot rodding principles. Bump the compression a

bit, change the cam, free up the exhaust system, add a performance rear axle ratio, and you're back in the ball game.

And if you've been secretly conspiring to release a wind-cheating Monte Carlo to compete on the super-speedways, you now have the perfect engine to power it. In this case, the Z28 needed a shot in the arm and the Monte Carlo needed a little more power to complement its advanced aerodynamics. The approach was typically Chevrolet and predictably successful. The Z28 is now powerful enough to meet the Mustang challenge head on, and the Monte Carlo SS has already run record speeds at Daytona. No problem; just a few minor adjustments to bring things into focus.



In addition to the new bell-mouthed converter, the exhaust system has been tuned with larger diameter head pipes and exhaust pipes. As shown in (A) the head pipes leading to the converter have a 2 1/4-inch diameter and the exhaust tube between the converter and the rear muffler is a full 2 1/2 inches in diameter. (B) shows the earlier Z28 system with smaller pipes.



Sleek, new sheetmetal on the Monte Carlo SS gives it an aerodynamic drag coefficient of .375, which has proven to be the slipperiest shape in NASCAR. According to plan, the Monte Carlos were really flying at Daytona.

The Monte Carlo version of the L69 option is rated at 175 hp @ 4800 rpm with 230 ft./lbs. of torque at 3200 rpm. It uses 2-inch stainless steel head pipes, 2 1/2-inch tail pipes, twin mufflers, and the same Corvette catalytic converter. The SS is available only with an automatic transmission and a 3.42 rear axle ratio. In either car, the engine pulls smoothly through 5500 rpm and will run to 6000 without protest.

## HP Version for the Monte Carlo SS

By John Baechtcl

The same basic engine is rated at 175 hp when installed in the Monte Carlo SS, which actually received the powerplant before the Camaro. The Z28 has a little better air inlet system and less engine drag thanks to an electric cooling fan. With 3.73 gearing, the 5-speed equipped Z28 is a low 15-second ride, and possibly a 14-second piece with a little tweaking and a skilled driver. Times of 0-60 mph are in the low 7-second zone, compared with 8 seconds for the Monte Carlo. The Monte Carlo, equipped with an automatic transmission and 3.42 gears, yielded 16-second quarter-mile times at 85 mph.

The new engine is icing on the cake for the Z28, but the real story with the Monte Carlo SS is the suspen-

sion. Outfitted with P215/65R-15 Goodyear Eagle GT tires, the SS is a real handler with an updated F41 package that includes stiffer bushings and shock absorber valving, 1.250-inch front anti-roll bar, .875-inch rear anti-roll bar, and new 15x7-inch wheels borrowed from the truck division. On a skidpad, the 3400-pound Monte Carlo recorded a very respectable .81G lateral acceleration figure. At just over \$10,000, the SS emerges as one of the best buys in the GM G-Special body lineup. With the same engine, the Camaro is a faster car, but the SS has everything else at GM covered by a mile. Now, we don't expect Ford to take this lying down, so you can expect a Ford update soon... and then a GM update... and so on... and so on. **HR**

## ENGINES

### Z-28 5.0 LITER V-8 HO ENGINE (Cont'd)

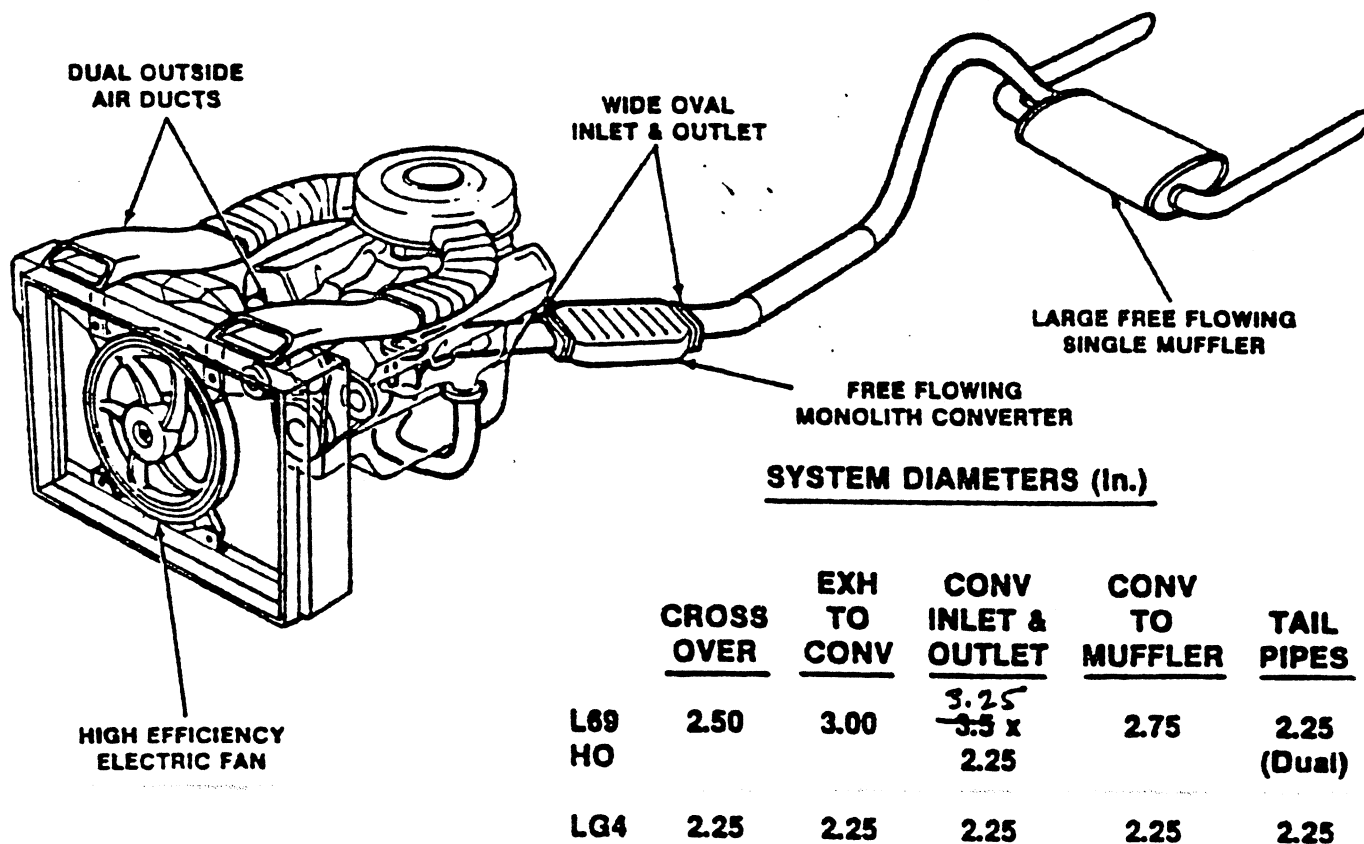
Any power conservation, however small, results in performance and fuel economy improvements. Thus, there is no engine driven cooling fan on the L69 HO engine. In its place is an electric motor driven 5-blade fan mounted to the radiator support. The fan blade assembly is made of sturdy light-weight glass fiber reinforced nylon. The blades are curved, scimitar fashion, and support an integral ring-shroud at the tips. Configuration of the blades and the ring-shroud improve air pumping efficiency and reduces operational noises. The control system is designed to operate the fan only when cooling is needed. Tests indicate more than a three percent horsepower savings at peak engine output with the electric fan.

Those engines equipped with the manual 5-speed transmission feature a lightweight, low inertia, nodular iron flywheel in place of the regularly used cast iron unit. In addition to the foregoing, the Z28 engine is equipped with exhaust manifolds that have outlets increased from two and a quarter to two and one-half inches in diameter.

The complete exhaust system has been carefully designed to reduce back pressure. Larger diameter pipes have been used throughout and a monolith catalytic converter with wide oval inlet and outlet help minimize converter restriction. Routing of the complete system has been engineered to minimize turns and all bends smoothed out to enhance flow. A single large free-flowing muffler is transverse mounted at the rear with a large diameter tail pipe extending rearward from each end. Exhaust gas flow is improved more than 30 percent with this system.

## ENGINES

### Z-28 5.0 LITER V-8 HO ENGINE



The Z28 optional engine, RPO L69 HO, includes a number of exterior components that help improve output over the base LG4 engine. The most obvious under hood component is the induction system air pickup. Large dual inlets, one mounted at each side and on top of the radiator support, pick up cool air forward of the engine compartment. The air is passed directly to the free flowing air cleaner through oval ducts and dual snorkel inlets. In by-passing the warmer under hood temperatures an air-fuel charge of higher density is supplied to the cylinders.

A "ring" decal on the air cleaner cover identifies the engine as the "5.0 liter HO" option.

# CHEVROLET NEWS



*FEBRUARY*

Public Relations Department • Chevrolet Motor Division  
General Motors Corporation • 30007 Van Dyke Ave  
Warren, Michigan 48090 • (313) 492-8

Contact: Ralph Kramer

FOR RELEASE AT ONCE

#9111

WARREN, MI -- A very special Z28 Camaro with a performance pedigree already established has been given the green light by Chevrolet for regular production.

Carrying a "5.0-liter H.O." badge on its left rear bumper, the new car is being built at Norwood, Ohio, and Van Nuys, California.

"It may be a cliché that racing improves the breed," said Robert C. Stempel, Chevrolet's general manager.

"But when it comes to performance cars like the Z28, there's still no better way to separate class from cliché."

Already renowned for its world class road manners, a Z28 equipped with the H.O. (High Output) V8 is about two seconds quicker in both 0-60 and quarter-mile times than either of the other two available 5.0-liter V8 Z28 engine setups.

A Z28 equipped with several H.O. engine components entered the highly-regarded "Longest-Day" 24-Hour endurance race last June at Nelson Ledges in Northeastern Ohio. The pole position qualifier in record time, it finished less than three minutes behind a race-winning Porsche after losing more than 15 minutes during extended off-road sojourns into a mud bog.

Driven to and from the track, the Z28 covered 1908 miles during the race. It required no brake pad changes and used less than one-third quart of oil.

- more -

Delivering 190 horsepower at 4800 rpms and 240 lbs/ft torque at 3200 rpms and 240 lbs/ft torque at 3200 rpms, the H.O. engine is the strongest carbureted V8 currently available in a Chevrolet passenger car.

Engine code number is L69.

It gets its extra punch from a higher-lift, longer-duration camshaft, an ignition system designed to provide almost twice the spark advance available to Camaro's standard V8, and intake and exhaust system designed for the ultimate in free breathing. Compression ratio is 9.5:1.

Further distinguished by a specifically-calibrated four-barrel Rochester Quadrajet carburetor, dual-snorkle cold air induction, 2½-inch diameter exhausts, a Corvette-type wide-mouth catalytic converter and dual 2 ¾-inch diameter tailpipes, the engine also sports a "5.0-liter H.O." emblem on its air breather.

Other equipment included in the package:

- ° Five-speed overdrive manual transmission
- ° Aluminum rear brake drums
- ° 3.73:1 axle ratio
- ° High-strength steel gears
- ° Aluminum front bumper bar
- ° Increased-capacity cooling system
- ° Shot-peened ring and pinion
- ° Lightweight engine flywheel

Marketed as the L69 option, the 5.0-liter H.O. package is available with most other Z28 equipment.

EPA fuel economy estimates are 16 mpg city, 26 highway.

#####

2/5/83

# CAMARO Z28

## 5.0 Liter H.O.

WHEELBASE	101 inches
OVERALL LENGTH	189.4 inches
CURB WEIGHT	3150 pounds
WEIGHT DISTRIBUTION	56.3% front - 43.7% rear

### ENGINE

Cylinder block, heads	Cast iron
Inlet manifold	Aluminum
Displacement	305 cid (5.0 liters)
Horsepower	190 at 4800 rpms
Torque	240 lbs/ft at 3200 rpms
Compression ratio	9.5:1 with electronic spark control
Fuel system	4-bbl Rochester, quadrajet carburetor
Valvetrain	Pushrod, hydraulic lifters
Valve diameter	1.84" inlet, 1.50" exhaust
Camshaft duration	320° inlet, 320° exhaust
Camshaft lift	.410" inlet, .423" exhaust
Crankshaft	Cast iron, five main bearings
Exhaust system	2 1/4" front exhaust pipes, smooth (Laminar) flow inlet monolithic converter, 2 3/4" rear exhaust pipe with single large volume dual outlet muffler

### DRIVETRAIN

Transmission	5-speed manual
Transmission ratios (5th)	.73:1
(4th)	1:1
(3rd)	1.34:1
(2nd)	1.94:1
(1st)	2.95:1
Axle ratio	3.73:1

### SUSPENSION

Front (Z28)	Independent, modified MacPherson strut, 1.26" dia stabilizer bar, coil springs
Rear (Z28)	Torque arm with two LCA's, .83" dia stabilizer bar, coil springs

### STEERING

Power, recirculating ball, 12.7:1 ratio

### WHEELS AND TIRES

Wheel size	15 x 7 inches
Wheel type	Cast aluminum
Tire size	Steel-belted P215/65R15
Tire manufacturer	Goodyear

### CALCULATED DATA

Speed per 1000 rpm in top gear	27.7 mph
Aerodynamic drag coefficient	.339

### FUEL ECONOMY

EPA city estimate	17 mpg
EPA highway estimate	27 mpg



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

Car Line CAMARO  
 Model Year 1983 Issued 7-23-82 Revised (•) \_\_\_\_\_

**Car Models**

Model Description	Introduction Date	Make, Car Line, Series, Body Type (Mfr's Model Code)	No. of Designated Seating Positions (Front/Rear)		Max. Truck/Cargo Load—Kilograms (Pounds)
CAMARO		MODEL NUMBER	FRONT/REAR		
Standard 2-Door Sport Coupe		1FP87	2	2	45.4 (100.1)
Berlinetta 2-Door Sport Coupe		1FS87	2	2	45.4 (100.1)

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

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

Car Line CAMARO  
 Model Year 1983 Issued 7-23-82 Revised (•) 9-82

**Power Teams** (Indicate whether standard or optional)

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

SERIES AVAILABILITY	ENGINE						TRANSMISSION	AXLE RATIO# (std. first) (indicate A/C ratio) Base%/Option	
	Displ. Liters (in <sup>3</sup> )	Carb. (Barrels, FI, etc.)	Compr. Ratio	SAE Net at RPM		Exhaust System*			
				kW (bhp)	Torque N - m (lb. ft.)				
1FP00-All States-Base (Except Z28)	2.5 (151 CID) LQ9	EFI **	8.2:1	92 @ 4000	134 @ 2800	S	Man. 4-Spd. (3.50 Low)Base	3.42	--
							Man. 5-Spd. (3.50Low)Avail	3.73	--
							Auto '200c'Avail	3.08	3.23@
							Auto '700-R4'- Avail*	3.42	--
1FP00-All States-Avail	2.8 (173 CID)	2-Bb1	8.5:1	107 @ 4800	145 @ 2100	S	Man. 5-Spd. (3.50 Low)Base	3.42	--
1FS00-All States-Base (Except Z28)	LC1						Auto '200c'Avail	3.08	--
							Auto '700-R4'- Avail*	3.23	--
1FP00 & 1FS00 All States- Avail. (Except Z28)	5.0 (305 CID) LG4	4-Bb1	8.6:1	150 @ 4000	240 @ 2400	S	Man. 5-Spd. (2.95 Low)Base	3.42/ 3.23	3.73+
							Auto '700-R4'- Avail	3.08	--
1FP00 with Z28 - All States Base	5.0 (305 CID) LG4	4-Bb1	8.6:1	150 @ 4000	240 @ 2400	D	Man. 5-Spd. (2.95 Low)Base	3.42/ 3.23	3.73+
							Auto '700-R4'- Avail	3.23	--
1FP00 with Z28 - All States Avail	5.0 (305 CID) LU5	CFI ++	9.5:1	175 @ 4200	250 @ 2800	D	Auto '700-R4'- Avail	2.93	3.23
<div>* - Available as an extra cost option beginning January 1983.</div> <div># - 191 mm (7-1/2") ring gear.</div> <div>% - NA5 meets high altitude standards, NA6 not released.</div> <div>@ - Requires RPO NA6.</div> <div>+ - Optional axle ratio to be determined.</div> <div>** - Electronic Fuel Injection.</div> <div>++ - Cross-Fire Injection.</div>									

• S-Single D-Dual

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

Car Line CAMARO  
 Model Year 1983 Issued 9-82 Revised (\*) 2-83

Engine Description/Carb.  
 Engine Code

2.5 LITER-L4 (151 CID)  
 ELECTRONIC FUEL INJECTION  
 RPO LQ9

2.8 LITER V6 (173 CID)  
 2-Bbl. CARBURETOR  
 RPO LC1

**ENGINE - GENERAL**

Type & description (inline, V, angle, flat, location, front, mid, rear, transverse, longitudinal, etc.)	In Line Front Longitudinal	60° V
No. of cylinders	4	6
Bore	101.6 (4.0)	89.0 (3.50)
Stroke	76.2 (3.0)	76.0 (2.99)
Bore spacing (c/l to c/l)	111.8 (4.40)	
Cylinder block material	Cast Iron	
Cylinder block deck height	232.2 (9.164)	224 (8.82)
Deck clearance (minimum) (above or below block)	.63 (.025) Below	0.12 (.005) Below
Cylinder head material	Cast Iron	
Cylinder head volume (cm <sup>3</sup> )	52.25 (3.1885)	107.6 (6.567)
Head gasket thickness (compressed)	.97 (.03819)	.838 (.033)
Minimum combustion chamber volume (cm <sup>3</sup> )	81.79 (4.99)	51.5 (3.14)
Cyl no system (front to rear)*	L Bank	1-2-3-4
	R Bank	--
Firing order	1-3-4-2	1-2-3-4-5-6
Recommended fuel (leaded, unleaded, diesel)	Unleaded	
Fuel antiknock index (R + M) 2	87	
Total dressed engine mass (wt) dry**	145.3 (320.3)	194.6 (429.0)

**Engine - Pistons**

Material	Cast aluminum alloy	Aluminum alloy
Mass, g (weight, oz.) - Piston Only	650 (22.96)	467 (16.47)

**Engine - Camshaft**

Location	Right side of block	In block above crankshaft
Material (kg., weight, lbs.)	Cast iron	
Mass (kg., weight, lbs.)	3.546 (7.82)	3.098 (6.83)
Type of drive (chain or belt)	Width	--
	Pitch	--
		19.4 (0.764)
		9.53

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

\*\* Dressed engine mass (weight) includes the following

All those items necessary to make the engine a complete ready-to-run unit.

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Car Line CAMARO  
 Model Year 1983 Issued 9-82 Revised (\*) 2-83

Engine Description/Carb.  
 Engine Code

5.0 LITER-V8 (305 CID)  
 4-BBL. CARBURETOR  
 RPO LG4

5.0 LITER-V8 (305 CID)  
 CROSS-FIRE INJECTION  
 RPO LU5

**ENGINE - GENERAL**

Type & description (inline, V, angle,  
 flat, location, front, mid, rear,  
 transverse, longitudinal, etc.)

90°V  
 Front  
 Longitudinal

No. of cylinders

8

Bore

94.92 (3.736)

Stroke

88.39 (3.48)

Bore spacing (c/r to c/r)

111.8 (4.40)

Cylinder block material

Cast Iron

Cylinder block deck height

229.2 (9.025)

Deck clearance (minimum)  
 (above or below block)

.635 (.025) below

Cylinder head material

Cast Iron

Cylinder head volume (cm<sup>3</sup>)

--

Head gasket thickness  
 (compressed)

.533 (.021)

Minimum combustion  
 chamber volume (cm<sup>3</sup>)

58.9 (3.59)

Cyl. no. system  
 (front to rear)\*

L Bank

1-3-4-7

R Bank

2-4-6-8

Firing order

1-8-4-3-6-5-7-2

Recommended fuel  
 (leaded, unleaded, diesel)

Unleaded

Fuel antiknock index  
 (R + M)  
 2

87

Total dressed engine mass (wt) dry\*\*

202.3 (446) Auto, 226.2 (500) Man | 202.5 (447)

**Engine - Pistons**

Material

Aluminum

Mass, g (weight, oz.) - Piston Only

502 (17.7)

**Engine - Camshaft**

Location

In block above crankshaft

Material (kg, weight, lbs)

Cast Iron

Mass (kg, weight, lbs)

3.969 (8.75)

Type of drive  
 (chain or belt)

Width

15.975 (.625)

Pitch

.5

\* Rear of engine - drive takeoff view from drive takeoff end to determine left & right side of engine

\*\* Dressed engine mass (weight) includes the following

**MVMA Specifications Form**  
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Car Line CAMARO  
 Model Year 1983 Issued 7-23-82 Revised (\*) 9-82

Engine Description/Carb.  
 Engine Code

2.5 LITER-L4 (151 CID) ELECTRONIC FUEL INJECTION RPO LQ9	2.8 LITER V6 (173 CID) 2-Bb1. CARBURETOR RPO LC1
--	--

**Engine — Valve System**

Lifters (std., opt., n.a.)	Hydraulic	Standard
	Solid	--

**Engine — Connecting Rods**

Material & mass (kg., weight, lbs.)	Cast Arma Steel 620.9 (21.9)	SAE 1037 or 1038 Steel 602 (21.23)
-------------------------------------	---------------------------------	---------------------------------------

**Engine — Crankshaft**

Material (kg., weight, lbs.)	Modular Cast Iron	
Mass (kg., weight, lbs.)	12.381 (27.29)	14.170 (31.24)
End thrust taken by bearing (no.)	5	3

**Engine — Lubrication System**

Normal oil pressure (kPa (psi) at engine rpm)	259 (37.5)	345-448 (50-65) @ 2000
Type oil intake (floating, stationary)	Stationary	
Oil filter system (full flow, part, other)	Full flow	
Capacity of crcase less filter-refill-L (qqt.)	2.84 (3.0)	3.8 (4.0)

**Engins — Diesel Information**

Glow plug current drain at 0°F		
Injector nozzle	Type	NOT
	Opening pressure (kPa (psi))	APPLICABLE
Pre-chamber design		
Fuel injection pump	Manufacturer	
	Type	
Supplementary vacuum source (type)		

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

Car Line CAMARO  
 Model Year 1983 Issued 9-82 Revised (\*) 2-83

Engine Description/Carb.  
 Engine Code

5.0 LITER-V8 (305 CID) 4-BBL. CARBURETOR RPO LG4	5.0 LITER-V8 (305 CID) CROSS-FIRE INJECTION RPO LU5
--	---

**Engine — Valve System**

Lifters (std., opt., n.a.)	Hydraulic	Standard
	Solid	--

**Engine — Connecting Rods**

Material & mass (kg., weight, lbs.)	SAE 1037 or 1038 Steel .662 (1.460)
-------------------------------------	--

**Engine — Crankshaft**

Material (kg., weight, lbs.)	Nodular Cast Iron
Mass (kg., weight, lbs.)	23.360 (51.50)
End thrust taken by bearing (no.)	5

**Engine — Lubrication System**

Normal oil pressure (kPa (psi) at engine rpm)	345-448 (50-65) @ 2000
Type oil intake (floating, stationary)	Stationary
Oil filter system (full flow, part, other)	Full flow
Capacity of oil case, less filter-refill-L (qt.)	4.5 (5.0)

**Engine — Diesel Information**

Glow plug current drain at 0°F		
Injector nozzle	Type	Not
	Opening pressure (kPa (psi))	Applicable
Pre-chamber design		
Fuel injection pump	Manufacturer	
	Type	
Supplementary vacuum source (type)		

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

Car Line CAMARO  
 Model Year 1983 Issued 9-82 Revised (\*) 2-83

Engine Description/Carb.  
 Engine Code

2.5 LITER-L4 (151 CID)  
 ELECTRONIC FUEL INJECTION  
 RPO LQ9

2.8 LITER V6 (173 CID)  
 2-Bbl. CARBURETOR  
 RPO LC1

**Engine - Fuel System**

(See supplemental page for details of Fuel injection, Supercharger, Turbocharger, etc. if used)

Induction type carburetor, fuel injection system, etc.		Fuel Injection	Carburetor	
Carburetor	Mfr.	--	Rochester Varajet	
	Choke (type)	None	Electric	
	Idle spd.-rpm (spec. neutral or drive and propane if used)	Manual	--	800 RPM - Neutral
		Automatic	--	--
			--	600 RPM - Drive
Idle A/F mix		Preset-no adjustment provided	Preset-no adjustment provided	
Fuel injection	Point of injection (no.)		--	
	Constant pulse flow		--	
	Control (electronic, mech.)		--	
	System pressure (kPa (psi))		--	
Intake manifold heat control (exhaust or water) thermostatic or fixed		Water	Exhaust	
Air cleaner type	Standard	Replaceable paper element, single snorkel		
	Optional	--		
Fuel pump	Type (elec. or mech.)	Electric	Mechanical	
	Location (eng. tank)	Fuel Tank	Lower left front	
	Pressure range (kPa (psi))	83	41.4-51.7 (6-7.5)	

**Fuel Tank**

Capacity (metric, U.S. gallons):		59.8 (15.8)	61.3 (16.2)
Location (describe):		Rear center - over rear axle	
Attachment:		Underbody strap	
Material:		Steel	
Filler pipe	Location & material	Left rear quarter	
	Connection to tank	Solid solder	
Fuel line (material):		Steel	
Fuel hose (material):		Rubber	
Return line (material):		Steel	
Vapor line (material):		Steel	
Extended range tank	Optional		
	Capacity (L (gallons))		
	Location & material		
	Attachment		
Auxiliary tank	Optional		
	Capacity (L (gallons))		
	Location & material		
	Attachment		
	Selector switch or valve		
Separate fill			

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

Car Line CAMARO  
 Model Year 1983 Issued 9-82 Revised (•) 2-83

Engine Description/Carb.  
 Engine Code

5.0 LITER-V8 (305 CID) 4-BBL. CARBURETOR RPO LG4	5.0 LITER-V8 (305 CID) CROSS-FIRE INJECTION RPO LU5
--	---

**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 Injection
Carburetor	Migr		Rochester Quadrajet	Rochester 2XI TBI
	Choke (type)		Electric	None
	Idle spd -rpm (spec neutral or drive and propane if used)	Manual	700 RPM - Neutral	--
			--	--
		Automatic	500 RPM - Drive	--
		--	--	
Idle A/F mix			Preset-no adjustment provided	
Fuel injection	Point of injection (no.)		--	Inlet Manifold
	Constant pulse flow		--	Pulse
	Control (electronic mech)		--	Electronic
	System pressure (kPa (psi))		--	75.8 (11)
Intake manifold heat control (exhaust or water) thermostatic or fixed			Exhaust	Exhaust
Air cleaner type	Standard		Replaceable element, single snorkel	
	Optional		None	
Fuel pump	Type (elec or mech)		Mechanical	Electrical
	Location (eng. tank)		Lower right front	In fuel tank
	Pressure range (kPa (psi))		51.7-62.0 (7.5-9.0)	--

**Fuel Tank**

Capacity (refill) (L (gallons))		61.3 (16.2)	59.8 (15.8)
Location (describe)		Rear center - over rear axle	
Attachment		Underbody strap	
Material		Steel	
Filter pipe	Location & material	Left rear quarter	
	Connection to tank	Solid solder	
Fuel line (material)		Steel	
Fuel hose (material)		Rubber	
Return line (material)		Steel	
Vapor line (material)		Steel	
Extended range tank	Optional		
	Capacity (L (gallons))		
	Location & material		
	Attachment		
Auxiliary tank	Optional		
	Capacity (L (gallons))		
	Location & material		
	Attachment		
	Selector switch or valve		
Separate fill			

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

Car Line CAMARO  
 Model Year 1983 Issued 7-23-82 Revised (•) \_\_\_\_\_

Engine Description/Carb.  
 Engine Code

2.5 LITER-L4 (151 CID)  
 ELECTRONIC FUEL INJECTION  
 RPO 1Q9

2.8 LITER V6 (173 CID)  
 2-Bb1. CARBURETOR  
 RPO 1C1

## **Engine - Cooling System**

Coolant recovery system (std., opt., n.a.)		Standard	
Coolant fill location (rad., bottle)		Bottle	
Radiator cap relief valve pressure (kPa (psi))		103.4 (15)	
Circulation thermostat	Type (choke, bypass)	Bypass	Choke
	Starts to open at °C (°F)	91°C (195°F)	90.6°C (195°F)
Water pump	Type (centrifugal, other)	Centrifugal	
	GPM 1000 pump rpm	10.2	
	Number of pumps	One	
	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) and material)		Cross flow	
Cooling system capacity	With heater—L(qt.)	8.65(9.14)Auto, 8.79(9.29)Man	12.09(12.78)Auto, 12.23(12.93)Man
	With air cond—L(qt.)	8.67(9.16)Auto, 8.81(9.31)Man	12.01(12.69)Auto, 12.15(12.84)Man
	Opt. equipment (specify—L(qt.))	8.75(9.25)Auto, 8.89(9.4)Man	12.09(12.78)Auto, 12.23(12.93)Man
Water jackets full length of cyl. (yes, no)		H.D. Radiator	Yes
Water all around cylinder (yes, no)			H.D. Radiator
Radiator core	Standard	Width	527.8 (20.8)
		Height	437.8 (17.2)
		Thickness	23.5 ( .925)
		Fins per inch	5.08
	A/C	Width	667.5 (26.3)
		Height	437.8 (17.2)
		Thickness	23.5
		Fins per inch	5.08 (Man), 4.23 (Auto)
	Heavy duty	Width	667.5 (26.3)
		Height	437.8 (17.2)
		Thickness	23.5 ( .925)
		Fins per inch	6.35
Fan (standard)	Number of blades & type (flex, solid, material)		4, solid
	Diameter & projected width		381.0 (15.0)
	Ratio (fan to crankshaft rev.)		1.16:1
	Fan cutout type		None
	Drive (type (direct, remote))		V-belt, one
	Fan shroud (material)		V-belt, one
Fan (electric)	Diameter & projected width		
	RPM at idle		
	Motor rating (wattage)		
	Motor switch (type & location)		
	Switch point (temp., pressure)		
Fan (optional)	No. of blades and spacing		7, staggered
	Diameter & projected width		406.4 (16.0)
	Ratio (fan to crankshaft rev.)		1.25:1
	Fan cut-out (type)		Clutch
	Drive (type, direct, remote)		V-belt, one

# MVMA Specifications Form

## Passenger Car

### METRIC (U.S. Customary)

Car Line CAMARO  
 Model Year 1983 Issued 7-23-82 Revised (•) \_\_\_\_\_

Engine Description/Carb.  
 Engine Code

5.0 LITER-V8 (305 CID)  
 4-BBL. CARBURETOR  
 320 LG4

5.0 LITER-V8 (305 CID)  
 CROSS-FIRE INJECTION  
 320 LU5

#### Engine - Cooling System

Coolant recovery system (std., opt., n.a.)		Standard	
Coolant fill location (rad., bottle)		Bottle	
Radiator cap relief valve pressure (kPa (psi))		103.4 (15)	
Circulation thermostat	Type (choke, bypass)	Choke	
	Starts to open at °C (°F)	90.5°C (195°F)	
Water pump	Type (centrifugal, other)	Centrifugal	
	GPM 1000 pump rpm	14	
	Number of pumps	One	
	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) and material)		Cross flow	
Cooling system capacity	With heater—L(qt.)	14.41 (15.23)	15.21 (16.08)
	With air cond.—L(qt.)	14.88 (15.73)	15.66 (16.55)
	Opt. equipment (specify—L(qt.))	14.95 (15.81)	15.74 (16.64)
Water jackets full length of cyl. (yes, no)		Yes	
Water all around cylinder (yes, no)		Yes	
Radiator core	Standard	Width	527.8 (20.78)
		Height	437.8 (17.24)
		Thickness	23.5 ( .925)
		Fins per inch	7.26
	A/C	Width	667.5 (26.28)
		Height	437.8 (17.24)
		Thickness	23.5 ( .925)
		Fins per inch	6.35 (Man), 7.26 (Auto)   7.26
	Heavy duty	Width	667.5 (26.28)
		Height	437.8 (17.24)
		Thickness	23.5 ( .925)
		Fins per inch	6.35 (Man), 7.26 (Auto)-   7.26-H.D. Radiator
Fan (standard)	Number of blades & type (flex, solid, material)		H.D. Radiator
	Diameter & projected width		5, staggered
	Ratio (fan to crankshaft rev.)		457.2 (18.0)
	Fan cutout type		
	Drive (type (direct, remote))		Clutch
	Fan shroud (material)		V-belt, one
Fan (electric)	Diameter & projected width		
	RPM at idle		
	Motor rating (wattage)		
	Motor switch (type & location)		
	Switch point (temp., pressure)		
Fan (optional)	Fan shroud (material)		
	No. of blades and spacing		7, staggered
	Diameter & projected width		457.2 (18.0)
	Ratio (fan to crankshaft rev.)		
	Fan cut-out (type)		Clutch
Drive (type, direct, remote)		V-belt, one	

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

Car Line CAMARO  
 Model Year 1983 Issued 7-23-82 Revised (•) \_\_\_\_\_

Engine Description/Carb.  
 Engine Code

2.5 LITER-L4 (151 CID) ELECTRONIC FUEL INJECTION RPO LQ9	2.8 LITER V6 (173 CID) 2-Bbl. CARBURETOR RPO LC1
--	--

**Vehicle Emission Control**

Exhaust Emission Control	Type (air injection, engine modifications, other)		3C-Throttle Body Injection Single bed 3-way, EST, BPEGR	Air Injection with Computer Command Control
	Air Injection	Pump (type)	Not Available	Vane
		Driven by	--	V-belt
		Air distribution (head, manifold, etc.)	--	Manifold, converter
		Point of entry	--	Exhaust Manifold
	Exhaust Gas Recirculation	Type (controlled flow, open orifice, other)	Back Pressure Modulated Controlled Flow	Back Pressure Modulated Controlled Flow
		Exhaust source	Manifold	Manifold Exhaust Crossover
		Point of exhaust injection (spacer, carburetor, manifold, other)	Inlet Manifold	
	Catalytic Converter	Type	Single Bed, Oxidizing & Reducing	Dual Bed, Oxidizing & Reducing
		Number of	One	
		Location(s)	Forward Under Floor	Beneath RF Underbody
		Volume [L (in <sup>3</sup> )]	2.623 (160)	2.782 (170)
		Substrate type	Pellets	Monolith
Crankcase Emission Control	Type (ventilates to atmosphere, induction system, other)		Induction System	
	Energy source (manifold vacuum, carburetor, other)		Manifold Vacuum	
	Discharges (to intake manifold, other)		Inlet Manifold	
	Air inlet (breather cap, other)		Carburetor Air Cleaner	
Evaporative Emission Control	Vapor vented to (crankcase, canister, other)	Fuel tank	Canister	
		Carburetor	--	Canister
	Vapor Storage provision (crankcase, canister, other)		Canister	

**Engine - Exhaust System**

Type (single, single with cross-over, dual, other)		Single	Single with Cross-over
Muffler no. & type (reverse flow, straight thru, separate resonator)		Reverse flow	
Resonator no. & type		None	
Exhaust pipe	Branch o.d. wall thickness	--	57.15 x 1.02 (2.25 x .040)
	Main o.d. wall thickness	44.5 x 1.09 (1.75 x .043)	50.8 x 1.02 (2.0 x .040)
	Material	Stainless Steel	(a)
Intermediate pipe	o.d. & wall thickness	50.8 x 1.09 (2.0 x .043)	57.15 x 1.14 (2.25 x .045)
	Material	Aluminum coated steel	
Tail pipe	o.d. & wall thickness	50.8 x 1.09 (2.0 x .043)	50.8 x 1.09 (2.0 x .043)
	Material	Aluminum coated steel	Aluminum coated steel

(a) - Inner and outer tubing stainless steel with 2.13 mm (.084) air gap between tubes.

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

Car Line CAMARO  
 Model Year 1983 Issued 7-23-82 Revised (\*)         

Engine Description/Carb.  
 Engine Code

5.0 LITER-V8 (305 CID)  
 4-BBL. CARBURETOR  
 RPO LG4

5.0 LITER-V8 (305 CID)  
 CROSS-FIRE INJECTION  
 RPO LU5

**Vehicle Emission Control**

Exhaust Emission Control	Type (air injection, engine modifications, other)		Air injection with computer command control		
	Air injection	Pump (type)	Vane		
		Driven by	V-Belt		
		Air distribution (head, manifold, etc.)	Manifold Converter		
		Point of entry	Exhaust Manifold		
	Exhaust Gas Recirculation	Type (controlled flow, open orifice, other)	Pulse width modulated	Controlled flow	
		Exhaust source	Manifold Exhaust Crossover		
		Point of exhaust injection (spacer, carburetor manifold, other)	Inlet Manifold		
	Catalytic Converter	Type	Dual Bed, Oxidizing & Reducing		
		Number of	One		
		Location(s)	Beneath RF Underbody		
		Volume (L in <sup>3</sup> )	2.786 (170)		
		Substrate type	Monolith		
	Crankcase Emission Control	Type (ventilates to atmosphere, induction system, other)		Induction System	
Energy source (manifold vacuum, carburetor, other)		Manifold Vacuum			
Discharges (to intake manifold, other)		Inlet Manifold			
Air inlet (breather cap, other)		Air Cleaner			
Evaporative Emission Control	Vapor vented to (crankcase, canister, other)	Fuel tank	Canister		
		Carburetor	Canister		
	Vapor Storage provision (crankcase, canister, other)		Canister		

**Engine - Exhaust System**

Type (single, single with cross-over, dual, other)		Single with dual tailpipes	Dual with single exhaust pipe
Muffler no. & type (reverse flow, straight thru, separate resonator)		One, reverse flow	Two, reverse flow
Resonator no. & type		Dual with Z28	--
Exhaust pipe	Branch o.d. wall thickness	(a)	(a)
	Main o.d. wall thickness	63.5 x 1.02 (2.5 x .04)(b)	
	Material		
Intermediate pipe	o.d. & wall thickness	57.15 x 1.14 (2.25 x .045)(c)	
	Material	Aluminum coated steel	Stainless steel
Tail pipe	o.d. & wall thickness	50.8 x 1.07 (2.0 x .042)	63.5 x 1.3 (2.5 x .05)
	Material	Aluminum coated steel	Stainless steel

- (a) - Right hand branch-50.8 x .86 (2.0 x .034) laminated stainless steel tubing.  
 Left hand branch-57.15 x 1.02 (2.25 x .04) stainless steel outer tube, 50.8 x .8 (2.0 x .034) stainless steel inner tube, 2.155 (.085) air gap between tubes.
- (b) - Stainless steel inner and outer tubes with 2.155 (.085) air gap between tubes.
- (c) - With dual pipes 44.5 x .86 (1.75 x .034), stainless steel, to dual resonators with 63.5 x 1.3 (2.5 x .05) tail pipes for Z28

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

Car Line CAMARO  
 Model Year 1983 Issued 7-23-82 Revised (#) 2-83

Engine Description/Carb.  
 Engine Code

2.5 LITER-L4 (151 CID) ELECTRONIC FUEL INJECTION RPO 109	2.8 LITER V6 (173 CID) 2-Bbl. CARBURETOR RPO 1C1
--	--

**Electrical - Supply System**

Battery	Voltage rtg. (V & total plates)	12
	Minimum reserve cranking	(a) 70 minutes, (b) 90 minutes
	SAE capacity (amps)	(a) 355 (b) 500
	Location	Left side engine compartment
Generator or alternator	Type and rating	(c,d,e)
	Ratio (alt. crank/rev.)	(c,d,e)
	Optional (type & rating)	None
Regulator	Type	Integral with alternator

**Electrical - Starting System**

Start motor	Current drain at -20°F	235
Motor drive	Engagement type	Positive shift solenoid
	Pinion engages from (front, rear)	Rear

- (a) - Standard battery.
- (b) - With H.D. option UA1.
- (c) - 42 Amp with heater, 10 SI (22 Amp @ Idle); 2.73:1 ratio.
- (d) - 63 Amp with heater, and heated backlite, 10 SI (23 Amp @ Idle) 2.73:1 ratio.
- (e) - 78 Amp with A/C 15 SI (40 Amp @ Idle); 2.51:1 ratio.

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

Car Line CAMARO  
 Model Year 1983 Issued 7-23-82 Revised 2-83

Engine Description/Carb.  
 Engine Code

5.0 LITER-V8 (305 CID) 4-BBL. CARBURETOR RPO LG4	5.0 LITER-V8 (305 CID) CROSS-FIRE INJECTION RPO LU5
--	---

**Electrical — Supply System**

Battery	Voltage reg. (V & total plates)	12 Volts
	Minimum reserve cranking	75 minutes (Standard), 90 minutes (Optional)
	SAE capacity (amps)	405 (Standard), 500 (Optional)
	Location	Engine compartment right front
Generator or alternator	Type and rating	42 Amp 70 Amp
	Ratio (alt. crank/rev.)	2.73 (Non-A/C), 3.12 (A/C)
	Optional (type & rating)	None
Regulator	Type	Integral with alternator

**Electrical — Starting System**

Start motor	Current drain at <u>1200RPM</u>	305
Motor drive	Engagement type	Positive shift solenoid
	Pinion engages from (front/rear)	Rear

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

Car Line CAMARO  
 Model Year 1983 Issued 7-23-82 Revised (\*) 2-83

Engine Description/Carb.  
 Engine Code

2.5 LITER-L4 (151 CID) ELECTRONIC FUEL INJECTION RPO LQ9	2.8 LITER V6 (173 CID) 2-Bb1. CARBURETOR RPO LC1
--	--

**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		Separate
	Current	Engine stopped — A	0
		Engine idling — A	3.5 max.
Spark plug	Make		AC
	Model		R44TSX
	Thread (mm)		14
	Tightening torque (N-m (lb. ft.))		20 (15)
	Gap		1.524 (.060)
Distributor	Make		Delco Remy
	Model		1103519

**Electrical — Suppression**

Locations & type	Internal alternator capacitor, non-metallic high-tension cables, resistor spark plugs, ignition coil by-pass capacitor, internal AC blower motor by-pass capacitor & A/C compression diode, with radio provisions; hood grounding clip, engine to dash panel ground strap, fuse block capacitor and on "heater only" blower motors and coax capacitor.
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**Electrical — Instruments and Equipment**

Speed-ometer	Type	7 digit odometer with round dial and pointer
	Trip odometer (std., opt., n.a.)	Optional **
EGR maintenance indicator		Not available
Charge indicator	Type	Tell-Tale*
	Warning device	Not available
Temperature indicator	Type	Tell-Tale*
	Warning device	Not available
Oil pressure indicator	Type	Tell-Tale*
	Warning device	Not available
Fuel indicator	Type	Electric gage
	Warning device	Not available
Wind-shield wiper	Type (standard)	Electric
	Type (optional)	Intermittent
	Blade length	454 mm (18 in)
	Swept area (cm <sup>2</sup> (in <sup>2</sup> ))	5792 (898.0)
Wind-shield washer	Type (standard)	Push button (a)
	Type (optional)	Not available
	Fluid level indicator	Not available
Horn	Type	Vibrator
	Number used	Berlinetta - Dual standard; other models single
Other	provisions for electronic cruise control and oxygen sensor flag, check engine, headlamp high beam, turn signals, brake warning light, fasten seat belts.	

\*\* - Standard on Z28, Berlinetta, RPO U21 for Sport Coupe

\* - On Z28, Berlinetta, with RPO U21, gages for oil, temp, generator (also includes tachometer)

(a) - Fluidic type standard.

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

Car Line CAVALERO  
 Model Year 1987 SS000 7-23-82 Revised (•) 2-83

Engine Description/Carb.  
 Engine Code

5.0 LITER-V8 (305 CID)  
 4-BBL. CARBURETOR  
 RPO LG4

5.0 LITER-V8 (305 CID)  
 CROSS-FIRE INJECTION  
 RPO LU5

**Electrical — Ignition System**

Type	Conventional (std., opt., na)		--
	Transistorized (std., opt., na)		--
	Other (specify)		High Energy Ignition (HEI)
Coil	Make		Delco Remy
	Model		Integral with Distributor
	Current	Engine stopped — A	0
		Engine idling — A	2.5 max.
Spark plug	Make		AC
	Model		E45TS
	Thread (mm)		14 x 1.25 SAE
	Tightening torque (N-m (lb. ft.))		9-20 (7-15)
	Gap		1.143 (1.043)
Distributor	Make		Delco Remy
	Model		1103460 1103539

**Electrical — Suppression**

Locations & type Internal alternator capacitor, non-metallic high-tension cables, resistor spark plugs, ignition coil by-pass capacitor, internal AC blower motor by-pass capacitor & A/C compression diode, with radio provisions; hood grounding clip, engine to dash panel ground strap, fuse block capacitor and on "heater only" blower resistors and coax capacitor

**Electrical — Instruments and Equipment**

Speedometer	Type	7 digit odometer with round dial and pointer
	Trip odometer (std., opt., na)	Optional **
EGR maintenance indicator		Not available
Charge indicator	Type	Tell-Tale*
	Warning device	Not available
Temperature indicator	Type	Tell-Tale*
	Warning device	Not available
Oil pressure indicator	Type	Tell-Tale*
	Warning device	Not available
Fuel indicator	Type	Electric gage
	Warning device	Not available
Windshield wiper	Type (standard)	Electric
	Type (optional)	Intermittent
	Blade length	454 mm (18 in)
	Swept area (cm <sup>2</sup> (in <sup>2</sup> ))	5792 (898.0)
Windshield washer	Type (standard)	Push button (a)
	Type (optional)	Not available
	Fluid level indicator	Not available
Horn	Type	Vibrator
	Number used	Berlinetta - Dual standard; other models single
Other		provisions for electronic cruise control and oxygen sensor flag, check engine, headlamp high beam, turn signals, brake warning light, fasten seat belts.

\*\* - Standard on Z28, Berlinetta, RPO U21 for Sport Coupe

\* - On Z28, Berlinetta, with RPO U21, gages for oil, temp, generator (also includes tachometer)

(a) - Fluidic type standard.

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

Car Line CAMARO  
 Model Year 1983 Issued 7-23-82 Revised (\*) 2-83

Engine Description/Carb.  
 Engine Code

2.5 LITER-L4 (151 CID)  
 ELECTRONIC FUEL INJECTION  
 RPO LQ9

2.8 LITER V6 (173 CID)  
 2-Bbl. CARBURETOR  
 RPO LC1

**Transmissions**

Manual 3-speed (std., opt., n.a.)	Not Available	
Manual 4-speed (std., opt., n.a.)	Standard	Not Available
Manual 5-speed (std., opt., n.a.)	Optional	Standard
Manual overdrive (std., opt., n.a.)	Not Available	
Automatic (std., opt., n.a.)	Optional	
Automatic overdrive (std., opt., n.a.)	Optional	

**Manual Transmission**

Number of forward speeds		4	5	5
Transmission ratios	In first	3.50	3.50	
	In second	2.48	2.14	
	In third	1.66	1.36	
	In fourth	1.00	1.00	
	In fifth	--	0.78	0.73
	In overdrive	--	--	
	In reverse	3.50	3.39	
Synchronous meshing (specify gears)		All forward gears		
Shift lever location		Floor		
Lubricant	Capacity (L (pt.))	Man. 4-spd-1.136L (2.4 pt.) of SAE-80W, 2.05L (4.33 pt.) of Dexron-TT*		
	Type recommended	SAE-80W or SAE-80W-90 GL5 and Dexron TT		
	SAE viscosity number	Summer	SAE-80W or SAE 80W-90 GL5 and Dexron TT	
		Winter	SAE-80W or SAE 80W-90 GL5 and Dexron TT	
		Extreme cold	SAE-80W GL5 and Dexron TT	

**Clutch (Manual Transmission)**

\*Manual 5-speed - 2.51L (5.3 pts.) of Dexron TT.

Make & type		Borg & Beck Dry disc	
Type pressure plate springs		Bellville	
Total spring load (N (lb.))		1360	5782 (1300)
No. of clutch driven discs		One	
Clutch facing	Material	Woven molded asbestos	
	Manufacturer	Borg & Beck	
	Part number	14045173	14036057
	Rivets/plate	36	
	Rivet size	.142 dia.	--
	Outside & inside dia	231.78 x 155.58 (9.125 x 6.125)	246 x 152.4 (9.685 x 6.0)
	Total eff. area (cm <sup>2</sup> (in <sup>2</sup> ))	2318.25 cm <sup>2</sup>	292.88 (45.4)
	Thickness	7.50-8.00 mm (.295-.315)	
	Engagement cushion method	Driven plate wave spoke springs	
Release bearing	Type & method of lubrication	Ball thrust-prepacked and sealed	
Torsional damping	Method springs friction material	Coil springs and metal to metal friction	

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

Car Line CAMARO  
 Model Year 1983 Issued 7-23-82 Revised (•) 2-83

Engine Description/Carb.  
 Engine Code

5.0 LITER-V8 (305 CID)  
 4-BBL. CARBURETOR  
 RPO LG4

5.0 LITER-V8 (305 CID)  
 CROSS-FIRE INJECTION  
 RPO LU5

**Transmissions**

Manual 3-speed (std., opt., n.a.)	Not Available
Manual 4-speed (std., opt., n.a.)	Not Available
Manual 5-speed (std., opt., n.a.)	Standard
Manual overdrive (std., opt., n.a.)	Not Available
Automatic (std., opt., n.a.)	Optional
Automatic overdrive (std., opt., n.a.)	Optional

**Manual Transmission**

Number of forward speeds		5
Transmission ratios	In first	2.95
	In second	1.94
	In third	1.34
	In fourth	1.00
	In fifth	0.73
	In overdrive	--
	In reverse	2.76
Synchronous meshing (specify gears)		All forward gears
Shift lever location		Floor
Lubricant	Capacity (L (pts.))	2.5 (5.3 pts.)
	Type recommended	SAE 80W or SAE 80W-90 GL5 and Dexron II
	SAE viscosity number	Summer SAE 80W or SAE 80W-90 GL5 and Dexron II
		Winter SAE 80W or SAE 80W-90 GL5 and Dexron II
		Extreme cold SAE 80W GL5 and Dexron II

**Clutch (Manual Transmission)**

Make & type		Borg & Beck, dry disc
Type pressure plate springs		Bellville
Total spring load (N (lb.))		7117 (1600)
No. of clutch driven discs		One
Clutch facing	Material	Molded asbestos
	Manufacturer	Borg & Beck
	Part number	14033032
	Rivets/plate	40
	Rivet size	5.41 x 3.63 (.213 x .143)
	Outside & inside dia	262.6 x 165.0 (10.34 x 6.5)
	Total eff. area (cm <sup>2</sup> (in <sup>2</sup> ))	327.8 (50.8)
	Thickness	7.75 (.305)
	Engagement cushion method	Driven plate wave spoke springs
Release bearing	Type & method of lubrication	Ball thrust - prepacked and sealed
Torsional damping	Method springs friction material	Coil springs and metal-to-metal friction

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

Car Line CAMARO  
 Model Year 1983 Issued 7-23-82 Revised (•) 2-83

Engine Description/Carb.  
 Engine Code

2.5 LITER-L4 (151 CID)  
 ELECTRONIC FUEL INJECTION  
 RPO L09

2.8 LITER V6 (173 CID)  
 2-Bbl. CARBURETOR  
 RPO 1C1

**Automatic Transmission**

Trade name	3-speed automatic	4-speed automatic
Type (describe)	Torque converter with planetary gears	
	200c	700-R4
Selector	Location	On console
	Ltr./No. designation	P-R-N-D-2-1
	R	2.07
	D	1.00
	2	1.57
	1	2.74
	Overdrive	Not available
		0.70
	Max. upshift speed - drive range (km/h (mph))	101.4 (63.0)
	Max. kickdown speed - drive range (km/h (mph))	96.6 (60.0)
	Min. overdrive speed (km/h (mph))	Not available
		61.1 (38.0)
	Number of elements	3
	Max. ratio at stall	2.40
	Type of cooling (air, liquid)	Liquid
	Nominal diameter	245
		298
	Capacity (refill L (pt.))	4.0L (8.4 pts.)
	Type recommended	GM Dexron II
		4.5L (9.5 pts.)
Special transmission features	Torque converter clutch, 3rd gear lockup	

**Axle or Front Wheel Drive Unit**

Type (front, rear)	Rear	
Description	Semi-floating axle, overhung hypoid driven pinion and ring gear	
Limited slip differential (type)	Disc clutch	
Drive pinion offset	1.75	
Drive pinion (type)	Hypoid gear	
No. of differential pinions	Two	
Pinion adjustment (shim, other)	Shim	
Pinion bearing adj. (shim, other)	Collapsible spacer	
Driving wheel bearing (type)	Roller bearing	
	Capacity (L (pt.))	4.25
	Type recommended	GL5 gear lube
	SAE viscosity number	80W or 80W-90
	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	3.08	3.23	3.42	3.73
No. of teeth	40	42	41	
Ring gear o.d.	13	13	12	
	191 (7.5)			
Transaxle	Transfer gear ratio			
	Final drive ratio			

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

Car Line CAMARO  
 Model Year 1983 Issued 7-23-82 Revised (•) 2-83

Engine Description/Carb.  
 Engine Code

5.0 LITER-V8 (305 CID)  
 4-BBL. CARBURETOR  
 BPO 1 G4

5.0 LITER-V8 (305 CID)  
 CROSS-FIRE INJECTION  
 BPO 1 U5

**Automatic Transmission**

Trade name	4-speed automatic	
Type (describe)	Torque converter with planetary gears 700-R4	
Selector	Location	On console
	Ltr./No. designation	P-R-N-D-2-1
Gear ratios	R	2.29
	D	1.00
	2	1.63
	1	3.06
	Overdrive	0.70
Max. upshift speed - drive range (km/h (mph))	90.1 (56.0)	99.8 (62.0)
Max. kickdown speed - drive range (km/h (mph))	83.7 (52.0)	93.3 (58.0)
Min. overdrive speed (km/h (mph))	54.7 (34.0)	
Torque converter	Number of elements	3
	Max. ratio at stall	1.9
	Type of cooling (air, liquid)	Liquid
	Nominal diameter	298 (11.75)
Lubricant	Capacity (refill L (pt.))	4.5L (9.5 pts.)
	Type recommended	GM Dexron II
Special transmission features	Torque converter clutch, 3rd gear lockup	

**Axle or Front Wheel Drive Unit**

Type (front, rear)	Rear	
Description	Semi-floating axle, overhung hypoid driven pinion and ring gear	
Limited slip differential (type)	Disc clutch	
Drive pinion offset	1.75	
Drive pinion (type)	Hypoid gear	
No. of differential pinions	Two	
Pinion adjustment (shim, other)	Shim	
Pinion bearing adj. (shim, other)	Collapsible spacer	
Driving wheel bearing (type)	Roller bearing	
Lubricant	Capacity (L (pt.))	4.25
	Type recommended	GL5 gear lube
	SAE viscosity number	80W or 80W-90
	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		2.93	3.08	3.23	3.42	3.73
No. of teeth	Pinion	41	40	42		
	Ring gear or gear	14	13	13		
Ring gear o.d.		191 (7.5)				
Transaxle	Transfer gear ratio					
	Final drive ratio					

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

Car Line CAMARO  
 Model Year 1983 Issued 7-23-82 Revised (\*) 2-83

Engine Description/Carb.  
 Engine Code

2.5L-L4 151CID THROTTLE-8.I. RPO LQ9	2.8L-V6 173CID 2-Bbl. CARB. RPO LC1	5.0L-V8 305CID 4-Bbl. CARB. RPO LG4	5.0L-V8 305CID THROTTLE-8.I. RPO LU5
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**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.	Not Available	
	Manual 4-speed trans.	63.5 x 1135 x 1.65 mm (2.5 x 44.7 x .065 in.)	
	Manual 5-speed trans.	63.5 x 1135 x 1.65 mm (2.5 x 44.7 x .065 in.)	
	Overdrive	Not Available	
	Automatic transmission	63.5 x 1135 x 1.65 mm (2.5 x 44.7 x .065 in.)	
Inter-mediate bearing	Type (plain, anti-friction)	Not Available	
	Lubrication (fitting, prepack)	Not Available	
Slip yoke	Type	Splined	
	Number of teeth	27	
	Spline o.d.	29.84 mm (1.174 in)	
Universal joints	Make and mfg no	Front	Saginaw size 44
		Rear	Saginaw size 44
	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)		Prepacked	
Drive taken through (torque tube, arms or springs)		Torque Arm	
Torque taken through (torque tube, arms or springs)		Torque Arm	

\* Centerline to centerline of universal joints, or to centerline of rear attachment.

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

Car Line CAMARO  
 Model Year 1983 Issued 7-23-82 Revised (\*) 2-83

Engine Description/Carb.  
 Engine Code

1FP87	1FS87	1FP87 with (RPO Z28)
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**Tires And Wheels (Standard)**

Tires	Size (load range, ply)		P195/75R-14BW, WW		P205/70R-14 BW		P215/65R-15 WL	
	Type (bias radial, etc.)		Steel belted radials(*)					
	Inflation pressure (cold) for recommended max. vehicle load	Front (kPa (psi))	240 (35)					
		Rear (kPa (psi))	240 (35)					
	Rev./mile—at 70 km/h (45 mph)							
Wheels	Type & material		Short spoke disc, steel		Cast aluminum			
	Rim (size & flange type)		14 x 6		14 x 7		15 x 7	
	Wheel offset		12.7 (.50)		8.6 (.34)		7.6 (.30)	
	Attachment	Type (bolt or stud)	Stud					
		Circle diameter	120.7 (4.75)					
		Number & size	5-M12 x 1.5 - 6H-thd. (metric)					
Spare	Tire and wheel (same, if other describe)		15 x 4; offset, T125/70D15					
	Storage position & location (describe)		Vertically adjacent to R.H. quarter panel					

**Tires And Wheels (Optional)**

Size (load range, ply)	P205/70R-14 BW, WL, WW
Type (bias radial, etc.)	Steel belted radials
Wheel (type & material)	Short spoke disc, steel
Rim (size, flange type and offset)	14 x 7, 8.6 (.34)
Size (load range, ply)	
Type (bias radial, etc.)	
Wheel (type & material)	
Rim (size, flange type and offset)	
Size (load range, ply)	
Type (bias radial, etc.)	
Wheel (type & material)	
Rim (size, flange type and offset)	
Size (load range, ply)	
Type (bias radial, etc.)	
Wheel (type & material)	
Rim (size, flange type and offset)	
Spare tire and wheel (if configuration is different than road tire or wheel, describe optional spare tire and/or wheel location & storage position)	Tire-Base - T125/70D15 without positraction. P195/75D14 without positraction.

**Brakes — Parking**

Type of control		Foot pedal-application; "I" 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)	--

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

Car Line CAMARO  
 Model Year 1983 Issued 7-23-82 Revised (\*)

Body Type And/Or  
 Engine Displacement

2-DOOR HATCHBACK COUPES

**Brakes — Service**

Description					
Brake type (std., opt., n.a.)	Front (disc or drum)		Disc		
	Rear (disc or drum)		Drum		
Self-adjusting (std., opt., n.a.)			Standard		
Special valving	Type (proportion, delay, metering, other)		Metering and Proportioning		
Power brake (std., opt., n.a.)			Standard		
Booster type (remote, integral, vac., hyd., etc.)			200 mm (7.87 in) Tandem vacuum		
Anti-skid device type (std., opt., n.a.)			Not available		
Effective area [cm <sup>2</sup> (in <sup>2</sup> )] *			615.5 (95.42)		
Gross lining area [cm <sup>2</sup> (in <sup>2</sup> )] **			691.6 (107.22)		
Swept area [cm <sup>2</sup> (in <sup>2</sup> )] ***			1985.1 (307.7)		
Rotor	Outer working diameter	F	267mm (10.5 in)		
		R	--		
	Inner working diameter	F	171.5mm (6.75 in)		
		R	--		
	Thickness	F	26.2mm (1.03 in)		
		R	--		
Material & type (vented/solid)	F	Cast iron, vented			
	R	--			
Drum	Diameter (nominal)	F	--		
		R	241mm (9.5)		
Type and material		Cast iron finned (aluminum for selected applications)			
Wheel cyl- inder bore	Front	64mm (2.5)			
	Rear	19mm (0.75)			
Master cylinder	Bore	24mm (0.94) disc/drum	25.4mm opt. 4-wheel disc.		
	Stroke	37.1mm (1.46)	37.35mm (1.47)		
Pedal arc ratio			3.25:1		
Line pressure at 445 N (100 lb.) pedal load [kPa (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 7.92 (.210 x .312)	
		Manufacturer		Delco Moraine	
		Lining code		--	
		Material		Semi-metallic	
		****	Primary or out-board	125 x 48.4 x 11.04 (4.92 x 1.91 x .435)	
			Size	Secondary or in-board	Same
		Shoe thickness (no lining)		Inboard 15.84 (.620); Outboard 13.97 (.550)	
	Rear wheel	Bonded or riveted (rivets/seg.)		Riveted 10 primary, 12 secondary	
		Manufacturer		Delco Moraine	
		Lining code		--	
		Material		Asbestos	
		****	Primary or out-board	192.5 x 50.8 x 4.98 (7.58 x 2.0 x 0.196)	
			Size	Secondary or in-board	249.6 x 50.8 x 6.75 (9.83 x 2.0 x 0.266)
		Shoe thickness (no lining)		9.7 (0.380)	

\* 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 thickness

**MVMA Specifications Form**  
**Passenger Car**  
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Car Line CAMARO  
 Model Year 1983 Issued 7-23-82 Revised (•) \_\_\_\_\_

Body Type And/Or  
 Engine Displacement

2-DOOR HATCHBACK COUPES

**Steering**

Manual (std., opt., n.a.)		Not available					
Power (std., opt., n.a.)		Standard					
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.)	Optional					
Wheel diameter	Manual	--					
	Power	368 mm (14.5 in)					
Turning diameter m (ft.)	Outside front	Wall to wall (l & r)	12.02 (39.4)				
		Curb to curb (l & r)	11.25 (36.9)				
	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.)		Coaxial			
Make		Saginaw Steering Gear					
Gear		Type	Acme Worm Recirculating ball				
		Ratios	Gear	15:1(a)	14:1(b)	15/13:1(c)	12.7:1(d)
			Overall	16.5:1	15.4:1	16.5/14.3	14:1
Pump (drive)		'V' belt					
No wheel turns (stop to stop)		2.9	2.7	3.0	2.5		
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.)		--				
	Bearings (type)	Upper	Ball stud				
		Lower	Ball stud				
		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	21.04-21.42 (0.83-0.84)				
	Thread (size)		3/4-20 UNEF-3A (modified)				
	Bearing (type)		Tapered roller				

- (a) Base 1FP87 Coupe      (b) Base 1FP87 Coupe with F41  
 (c) 1FS87 Berlinetta      (d) Z28

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

Car Line CAMARO  
 Model Year 1983 Issued 7-23-82 Revised (\*) \_\_\_\_\_

Body Type And/Or  
 Engine Displacement

2-DOOR HATCHBACK COUPES

**Wheel Alignment**

Front wheel at curb mass (wt.)	Service checking	Caster (deg.)	+2° to +4°
		Camber (deg.)	+0.2° to +1.8°
		Toe-in [outside track	Exc. Z28, +0.1° to +0.3° (1)
	Service reset*	Caster	+3° +/- 0.5°
		Camber	+1° +/- 0.5°
		Toe-in	Exc. Z28, +0.2° +/- .05° (2)
	Periodic M.V. in- spection	Caster	+1° to 5°
		Camber	-0.5° to +2.5°
		Toe-in	Exc Z28, -0.1° to +0.5° (3)
Rear wheel at curb mass (wt.)	Service checking	Camber (deg.)	--
		Toe-in [outside track-mm (in.)]	--
	Service reset*	Camber	--
		Toe-in	--
	Periodic M.V. in- spection	Camber	--
		Toe-in	--

\* Indicates pre-set, adjustable, trend set or other.

- (1) - Z28 only, +0.05° to +0.25°  
 (2) - Z28 only, +0.15° to +/- .05°  
 (3) - Z28 only, -0.15° to +.45°

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

Car Line CIMARCO  
 Model Year 1983 Issued 7-23-82 Revised (\*) 2-83

Body Type And/Or  
 Engine Displacement

2-DOOR HATCHBACK COUPES			
L4	V6	V6	228

**Suspension — General**

Car leveling	Std/opt/n/a	Not available
	Type (air, hvd., etc.)	--
	Manual/auto controlled	--
Provision for brake dip control		Front suspension geometry
Provision for accel. squat control		Rear suspension geometry
Special provisions for car jacking		Jacking provisions on rocker
Shock absorber (front & rear)	Type	Direct double-acting hydraulic
	Make	Delco
	Piston diameter	54mm (2.125 in) front; 25 (1.0) rear
Other special features		

**Suspension — Front**

Type and description		Independent w/coil springs, Modified MacPherson strut			
Travel	Full jounce	75.0 mm (2.95 in)			
	Full rebound	104.0 mm (4.09 in)			
Spring	Type (coil, leaf, other)	Coil			
	Material	Alloy steel			
	Size (coil design height & i.d., bar length x dia.)	260 x 103.0; 2490 x 15 mm, base (10.2 x 4.06; 98 x .59 in)			
	Spring rate (N/mm (lb/in))	58.0 (331.0) all exc. 728, F41-64.0 (365.0) all exc. 728, 728-96.0 (545.1)			
	Rate at wheel (N/mm (lb/in))	16.3 (93.0) all exc. 728, F41-17.7 (101.0) all exc. 728, 728-25.6 (146.0)			
Stabilizer	Type (link, linkless, frameless)	Link			
	Material & bar diameter	*	*	*	Steel 31 mm (1.2 in)

**Suspension — Rear**

Type and description		Salisbury axle w/torque arm, LCA, track bar, coil springs			
Drive and torque taken through		LCA & torque arm			
Travel	Full jounce	.87 mm (0.03)			
	Full rebound	118.0 mm (4.6)			
Spring	Type (coil, leaf, other)	Coil			
	Material	Alloy steel			
	Size (length x width, coil design height & i.d., bar length & dia.)	254.0 x 102.6; 2709 x 12.0 (10 x 4.03; 27.9 x .472 in)			
	Spring rate (N/mm (lb/in))	18.0 (103.0) all exc. 728, 728-32.0 (183.0)			
	Rate at wheel (N/mm (lb/in))	22.7 (130.0) all exc. 728, 728-40.5 (231.0)			
Mounting insulation (type)		Rubber isolated			
Stabilizer	Type (link, linkless, frameless)	Link			
	Material & bar diameter	**	**	**	21 mm (0.8 in)
Track bar (type)		HAT section w/rubber bushings			

\* Base - steel 27 mm (1.1 in)      \*\* F41: steel 12 mm (0.5 in)  
 F41 - steel 29 mm (1.1 in)

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

Car Line CAMARO  
 Model Year 1983 Issued 7-23-82 Revised (\*)

Body Type

2-DOOR HATCHBACK COUPES	
1FP87	1FS87

**Body – Miscellaneous Information**

Type of finish (lacquer, enamel, other)		Lacquer or enamel
Hood	Hinge location (front, rear)	Rear
	Type (counterbalance, prop)	Gas strut assist
	Release control (internal, external)	Internal
Trunk lid	Type (counterbalance, other)	Dual gas struts
	Internal release control (elec., mech., n.a.)	Electric release optional
Bumper front	Bar material & mass (wt.)	
	Reinforcement material & mass (wt.)	
Bumper rear	Bar material & mass (wt.)	
	Reinforcement material & mass (wt.)	
Vent window control (crank, friction, pivot, power)	Front	Not available
	Rear	Not available
Seat cushion type	Front	Molded foam pad
	Rear	Molded foam pad
	3rd seat	--
Seat back type	Front	Molded foam pad
	Rear	Molded foam pad
	3rd seat	--
Vehicle ident. no. location		Top LH side of I.P. pad-visible from outside vehicle

**Passive Restraint System**

Inflatable restraint system	Standard/optional	--
	Type of charging system	--
	Location (stg. 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)	Full integral body frame, includes bolted on front suspension crossmember.
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**METRIC (U.S. Customary)**

Revised (●)

1FS87

## Convenience Equipment

[illegible]

**MVMA Specifications Form**  
**Passenger Car**

Car Line CAMARO  
Model Year 1983 Issued 7-23-82 Revised (•) \_\_\_\_\_

**FEATURE HIGHLIGHTS**

(Manufacturers selected list of special vehicle features;  
indicate if new or model year introduced)

**BODY:**

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**CHASSIS:**

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**ENGINE:**

---

**ELECTRICAL:**

---

**OTHER:**

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

Model Year 1983 Issued 7-23-82 Revised to 2-83

		Vehicle Mass (weight)						
Model	CURB MASS kg (weight lb)*			% PASS MASS DISTRIBUTION				SHIPPING MASS kg (weight lb)**
	Front	Rear	Total	Pass in Front		Pass in Rear		
				Front	Rear	Front	Rear	
Standard								
2-Door Hatchback	705.4	599.1	1304.5					1268.5
Coupe 1F287	(1555)	(1321)	(2875)					(2796)
Berlinetta								
2-Door Hatchback	733.0	616.2	1349.2					1313.0
Coupe 1F287	(1616)	(1358)	(2974)					(2895)
Curb Weight - The calculated weight of a vehicle with standard equipment, only as designed with the additional load of oils, lubes, coolants and fuel filled to capacity.								
Shipping Weight - Same as base curb weight except 3 gallons of gasoline.								

- Shipping mass (weight) definition –

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**Passenger Car**  
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Car Line CAMARO

Model Year 1983

Issued 7-23-82

Revised (•) \_\_\_\_\_

Equipment	Optional Equipment Differential Mass (weight)*			Remarks
	MASS kg (weight, lb.)			
	Front	Rear	Total	
Air Conditioning	23.5 (+51.8)	1.8 (+4.0)	25.3 (+55.3)	With LQ9, LC1, LQ8
	23.3 (+51.4)	1.8 (+4.0)	25.1 (+55.3)	With LG4, LU5
Power Seat, 6-Way	2.4 (+5.3)	2.8 (+6.2)	5.2 (+11.5)	
Power Door Locks	0.8 (+1.8)	0.9 (+2.0)	1.7 (+3.8)	
Power Windows	1.6 (+3.5)	1.6 (+3.5)	3.2 (+7.0)	
Lock Release-Liftback	0.2 (+0.4)	0.4 (+0.9)	0.6 (+1.3)	
Molding, Roof Drip	0.2 (+0.4)	0.2 (+0.4)	0.4 (+0.8)	
Floor Mats-Front Color-keyed	1.4 (+3.1)	0.7 (+1.5)	2.1 (+4.6)	
Floor Mats-Rear Color-keyed	0.4 (+0.9)	0.6 (+1.3)	1.0 (+2.2)	
Roof-Removable Hatch Panels-Glass	9.2 (+20.3)	14.6 (+32.2)	23.8 (+52.5)	
Rear Window Washer and Wiper	-0.6 (-1.3)	2.6 (+5.7)	2.0 (+4.4)	
Dome/Map Reading Light	0 (0)	0.2 (+0.4)	0.2 (+0.4)	
Mirrors-Outside R/V Sport (L.H. Remote, R.H. Manual)	1.0 (+2.2)	0.2 (+0.4)	1.2 (+2.6)	Base Berlinetta and Z28
Spoiler-Rear Deck Lid (3-piece)	-0.6 (-1.3)	2.6 (+5.7)	2.0 (+4.4)	Base on Z28
Sport Suspension	2.0 (+4.4)	3.5 (+7.7)	5.5 (+12.1)	
Power 4-Wheel Disc Brakes	0 (0)	7.0 (+15.4)	7.0 (+15.4)	Requires G80 Limited Slip Axle

\* Also see Engine - General Section for details.

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

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

Car Line CAMARO

Model Year 1983

Issued 7-23-82

Revised (\*)

	Optional Equipment Differential Mass (weight)*			
Equipment	MASS kg (weight, lb.)			Remarks
	Front	Rear	Total	
Steering Wheel/Tilt	0.8	0.2	1.0	
	(+1.8)	(+0.4)	(+2.2)	
Wheel-Aluminum	-5.2	-5.2	-10.4	
	(-11.5)	(-11.5)	(-23.0)	
Battery-Heavy Duty	6.4	-1.0	5.4	With LQ9, LC1, LQ8
	(+14.1)	(-2.2)	(+11.9)	
	5.4	-0.6	4.8	With LG4, LU5
	(+11.9)	(-1.3)	(+10.6)	
Horns-Dual	0.6	-0.2	0.4	Base on Berlinetta
	(+1.3)	(-0.4)	(+0.9)	
Antenna-Power	1.4	0.2	1.6	
	(+3.1)	(+0.4)	(+3.5)	
Antenna-Windshield	0.2	0	0.2	
	(+0.4)	(0)	(+0.4)	
Wheels-Rally w/caps and Rings	3.4	3.4	6.8	Optional Sport Coupe, Base Z28
	(+7.5)	(+7.5)	(+15.0)	
Z28 Special Performance Package	9.6	-0.6	9.0	With 1FP87 & LG4
	(+21.2)	(-1.3)	(+19.8)	
	-5.4	-0.6	-6.0	With 1FP87 & LU5
	(-11.9)	(-1.3)	(-13.2)	
Heavy Duty Radiator	2.8	0	2.8	Without Air Conditioning
	(+6.2)	(0)	(+6.2)	
	1.4	0	1.4	With Air Conditioning
	(+3.1)	(0)	(+3.1)	
Radio AM/FM Stereo w/8 Track and Digital Clock	3.0	1.0	4.0	
	(+6.6)	(+2.2)	(+8.8)	
Radio AM/FM Stereo w/Cassette and Digital Clock	2.8	1.0	3.8	
	(+6.2)	(+2.2)	(+8.4)	
Radio AM/FM Stereo	2.2	1.0	3.2	
	(+4.8)	(+2.2)	(+7.0)	

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

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

Car Line CAMARO

Model Year 1983

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Revised (•)

Equipment	Optional Equipment Differential Mass (weight)*			Remarks
	MASS kg (weight, lb.)			
	Front	Rear	Total	
Radio AM-Pushbutton	1.2 (+2.7)	0.6 (+1.3)	1.8 (+4.0)	
Radio AM/FM-Pushbutton	2.4 (+5.3)	0.6 (+1.3)	3.0 (+6.6)	
Speakers, Auxiliary Dual Rear	0 (0)	1.2 (+2.7)	1.2 (+2.7)	
2.8 Liter V6 (173 CID) RPO LC1	22.4 (+49.4)	11.9 (+26.2)	34.3 (+75.6)	
5.0 Liter V8 (305 CID) RPO LG4	96.2 (+212.1)	9.3 (+20.5)	105.5 (+232.6)	With 1FP87
	89.6 (+197.5)	-2.6 (-5.7)	87.0 (+191.8)	With 1FS87
5.0 Liter V8 (305 CID) RPO LU5	117.2 (+258.4)	11.8 (+26.0)	129.0 (+284.4)	
3-Speed Automatic Transmission RPO MV9-200C	4.1 (+9.0)	3.3 (+7.3)	7.4 (+16.3)	With 1FP87 & LQ9 & C41
	9.8 (+21.6)	7.7 (+17.0)	17.5 (+38.6)	With 1FP87 & LQ9 & C60
	6.8 (+15.0)	4.1 (+9.0)	10.9 (+24.0)	With 1FP87 & LC1 & C41
	1.0 (+2.2)	-0.3 (-0.7)	0.7 (+1.5)	With 1FP87 & LC1 & C60
	5.3 (+11.7)	4.1 (+9.0)	9.4 (+20.7)	With 1FS87 & LC1
	5.3 (+11.7)	4.5 (+9.9)	9.8 (+21.6)	With 1FS87 & LG4
	21.8 (+48.1)	5.1 (+11.2)	26.9 (+59.3)	With LG4-Z28
	24.4 (+53.8)	13.4 (+29.5)	37.8 (+83.3)	With LG4 & Z28

\* Also see Engine - General Section

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

# MVMA Specifications Form

## Passenger Car

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

Car Line CAMARO

Model Year 1983

Issued 7-23-82

Revised (•)

[illegible]

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

# **MYMA Specifications Form** **Passenger Car**

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

**Car and Body Dimensions See Key Sheets for definitions**

Car Line CAMARO

Model Year 1983 Issued 7-23-82 Revised (•) 2-83

All dimensions to ground are for comparative purposes only. Dimensions are to be shown for all base body models of each car line. SAE Ref. no. refers to the definition published in SAE Recommended Practice J1100a "Motor Vehicle Dimensions," unless otherwise specified.

Body Type

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

## **Width**

Tread (front)	W101	1541 (60.7)
Tread (rear)	W102	1564 (61.6)
Vehicle width	W103	1850 (72.8)
Body width at Sq RP (front)	W117	1830 (72.1)
Vehicle width (front doors open)	W120	3939 (155.1)
Vehicle width (rear doors open)	W121	--

## **Length**

Wheelbase	L101	2566 (101.0)
Vehicle length	L103	4771 (187.8)
Overhang (front)	L104	1080 (42.5)
Overhang (rear)	L105	1125 (44.3)
Upper structure length	L123	2669 (105.1)
Rear wheel C/L "X" coordinate	L127	2138 (84.2)
Cowl point "X" coordinate	L125	108 (4.3)

## **Height \*\***

Passenger distribution (frt/rear)	PD1,2,3		
Trunk/cargo load			**
Vehicle height	H101	1271 (50.0)	**
Cowl point to ground	H114	898 (35.3)	
Deck point to ground	H138		
Rocker panel-front to ground	H112	193 (7.6)	
Bottom of door closed-front to grd	H133	357 (14.0)	
Rocker panel-rear to ground	H111	193 (7.6)	
Bottom of door closed-rear to grd	H135	--	

## **Ground Clearance \*\***

Front bumper to ground	H102	316 (12.4)	
Rear bumper to ground	H104	371 (14.6)	
Bumper to ground (front at curb mass (wt))	H103	336 (13.2)	
Bumper to ground (rear at curb mass (wt))	H105	388 (15.3)	
Angle of approach	H106	16.8°	
Angle of departure	H107	20.1°	
Ramp breakover angle	H147	12.9°	
Rear axle differential to ground	H153	172 (6.8) (a)	171 (6.7)
Min running ground clearance	H156	121 (4.8)	
Location of min run grd clear		Front crossmember	

(a) 228 option, 182 (7.2).

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 definitions

Car Line CAMARO

Model Year 1983

Issued 7-23-82

Revised (\*)

Body Type

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

### Front Compartment

Sg RP front "X" coordinate	L31	1050 (41.3)
Effective head room	H61	940 (37.0)
Max. eff. leg room (accelerator)	L34	1092 (43.0)
Sg RP (front to heel)	H30	181 (7.1)
Design H-point front travel	L17	192 (7.6)
Shoulder room	W3	1460 (57.5)
Hip room	W5	1430 (56.3)
** Upper body opening to ground	H50	
Steering wheel angle	H15	13.0°
Back angle	L40	26.5°

### Rear Compartment

Sg RP Point couple distance	L50	668 (26.3)
Effective head room	H63	905 (35.6)
Min. effective leg room	L51	727 (28.6)
Sg RP (second to heel)	H31	163 (7.2)
Knee clearance	L48	-15 (-0.6)
Compartment room	L3	582 (22.9)
Shoulder room	W4	1430 (56.3)
Hip room	W6	1087 (42.8)
** Upper body opening to ground	H51	

### Luggage Compartment

Usable luggage capacity (L (cu. ft.))	V1	--
** Litter height	H195	881 (34.7)

All linear dimensions are in millimeters (inches).

\*\* EPA Loaded Vehicle Weight, Loading Conditions

All Interior Dimensions Are Measured With The Seating Reference Point (SgRP) \_\_\_\_\_ mm  
( 1 Seat Adjuster Notch ) Forward 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 1983

Issued 7-23-82

Revised (•) \_\_\_\_\_

Body Type

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

### Station Wagon — Third Seat

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

### Station Wagon — Cargo Space

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

### Hatchback — Cargo Space

Front seat back to load floor height	H197	358 (14.1)
Cargo length at front seat back height	L208	892 (35.1)
Cargo length at floor (front)	L209	1556 (61.3)
Cargo volume index — L (cu.ft.)	V3	884 (31.2) *
Hidden cargo volume — L (cu. ft.)	V4	

A printed or computer tape supplement containing additional car and body dimensions and/or drawings (based in part on SAE J1100a "Motor Vehicle Dimensions") may be available from the manufacturer.

All dimensions are in millimeters (inches).

\* V-II a-Hatchback, cargo volume index-second seat-up, 328 (11.6).

# MVMA Specifications Form

## Passenger Car

METRIC (U.S. Customary)

Car and Body Dimensions See Key Sheets for definitions

Car Line CAMARO

Model Year 1983

Issued 7-23-82

Revised (\*)

Body Type

2-DOOR HATCHBACK COUPES

1FP87

1FS87

### Vehicle Fiducial Marks

Fiducial Mark Number*	Define Coordinate Location
Front	<p>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.</p> <p>Y - Fiducial mark to centerline of car - front, width measurement made from center line car to fiducial mark located on top of the front seat adjuster mounting bolt.</p> <p>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.</p>
Rear	<p>X - Fiducial mark to vertical base grid line - front, measured horizontally from base grid line to rear fiducial mark located on rear underbody crossbar.</p> <p>Y - Fiducial mark to centerline of car - rear, width measurement made from center line of car to fiducial mark located on the rear underbody crossbar.</p> <p>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.</p>
Fiducial Mark Number	
W21	540 ( 21.3)
L54	2688 (105.8)
Front H81	468 ( 18.4)
H161	296 ( 11.6)
** H163	277 ( 10.9)
W22	548 ( 21.6)
L55	4815 (189.6)
Rear H82	596 ( 23.5)
H162	417 ( 16.4)
** H164	400 ( 15.7)

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

\*\* EPA Loaded Vehicle Weight, Loading Conditions

# MVMA Specifications Form

## Passenger Car

METRIC (U.S. Customary)

Car and Body Dimensions See Key Sheets for definitions

Car Line CAMARO

Model Year 1983 Issued 7-23-82 Revised (•) 9-82

Body Type

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

### Glass

Backlight slope angle (deg.)	H121	71.0°
Windshield slope angle (deg.)	H122	62.0°
Tumble-Home (deg.)	W122	31.0°
Windshield glass exposed surface area (cm <sup>2</sup> (in <sup>2</sup> ))	S1	9000.4 (1395.1)
Side glass exposed surface area (cm <sup>2</sup> (in <sup>2</sup> ))	S2	6519.8 (1010.6)
Backlight glass exposed surface area (cm <sup>2</sup> (in <sup>2</sup> ))	S3	6232.0 ( 966.0)
Total glass exposed surface area (cm <sup>2</sup> (in <sup>2</sup> ))	S4	21752.2 (3371.7)
Windshield glass (type)		Curved - Laminated Plate
Side glass (type)		Curved - Tempered Plate
Backlight glass (type)		Curved - Tempered Plate

### Lamps and Headlamp Shape\*

Height above ground to center of bulb or marker	Headlamp (H127)	Highest**	647 (25.2)
		Lowest	647 (25.2)
	Taillamp (H128)	Highest**	776 (30.5)
		Lowest	776 (30.5)
	Sidemarker	Front	511 (20.1)
		Rear	706 (27.8)
Distance from C/L of car to center of bulb	Headlamp	Inside	487.5 (19.2)
		Outside**	667.5 (26.3)
	Taillamp	Inside	--
		Outside**	610.5 (24.0)
	Directional	Front	574.5 (22.6) except 228, 228 - 585.5 (23.0)
		Rear	481.0 (18.9)
	Headlamp shape		Rectangular

\* Measured at curb mass (weight)  
\*\* If single lamps are used enter here

\* Measured at curb mass (weight)

\*\* If single lamps are used enter here.

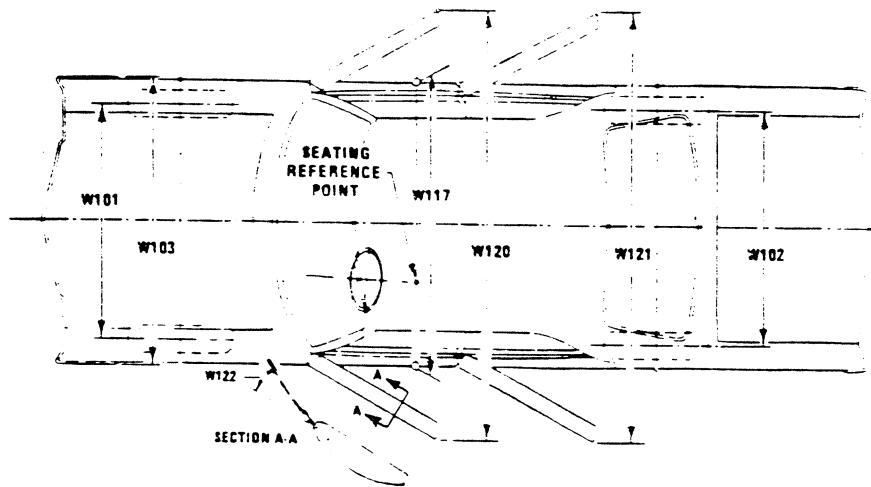
# MVMA Specifications Form

## Passenger Car

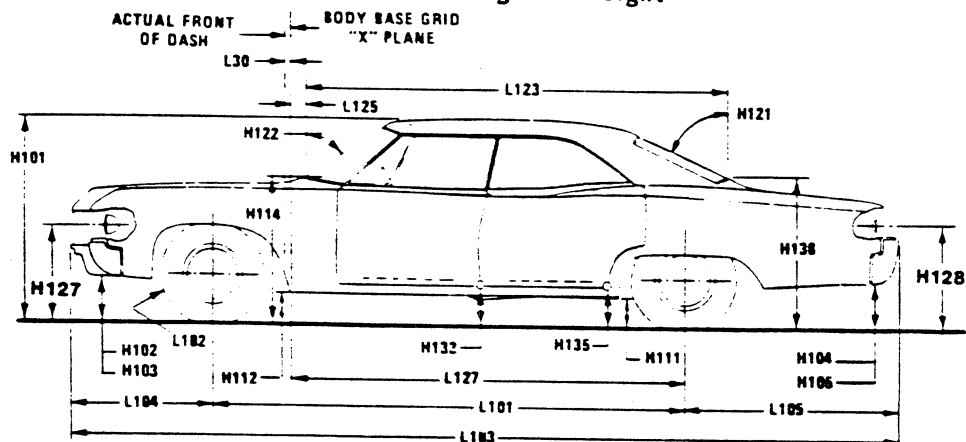
METRIC (U.S. Customary)

### Exterior Car And Body Dimensions — Key Sheet

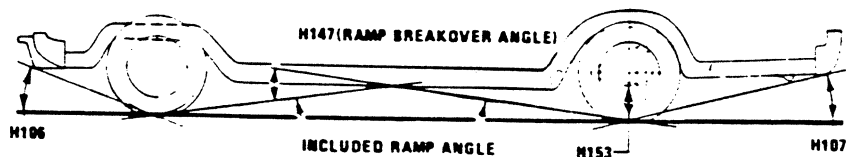
#### Exterior Width



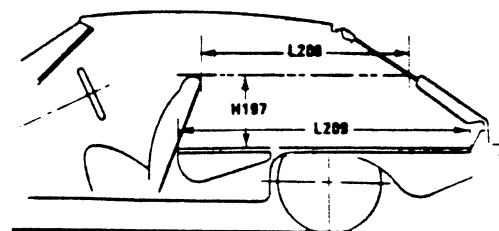
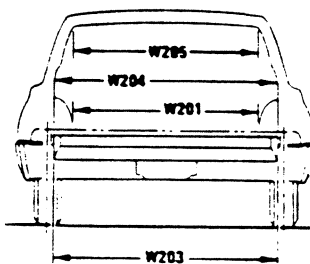
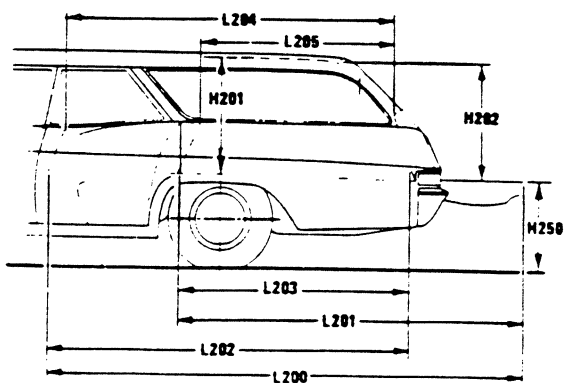
#### Exterior Length & Height



#### Exterior Ground Clearance



#### Cargo Space



#### Hatchback

#### Station Wagon

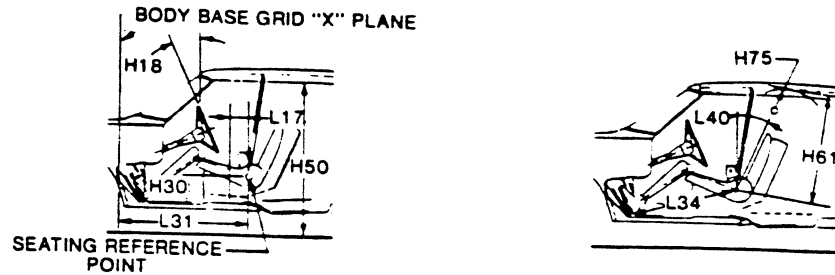
# MVMA Specifications Form

## Passenger Car

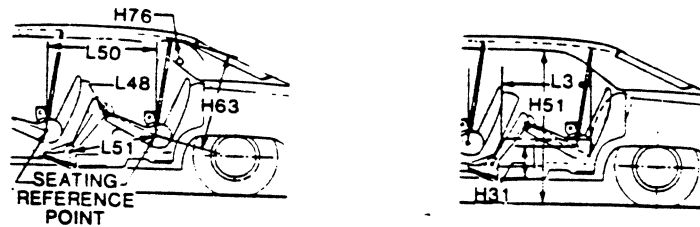
METRIC (U.S. Customary)

### Interior Car And Body Dimensions — Key Sheet

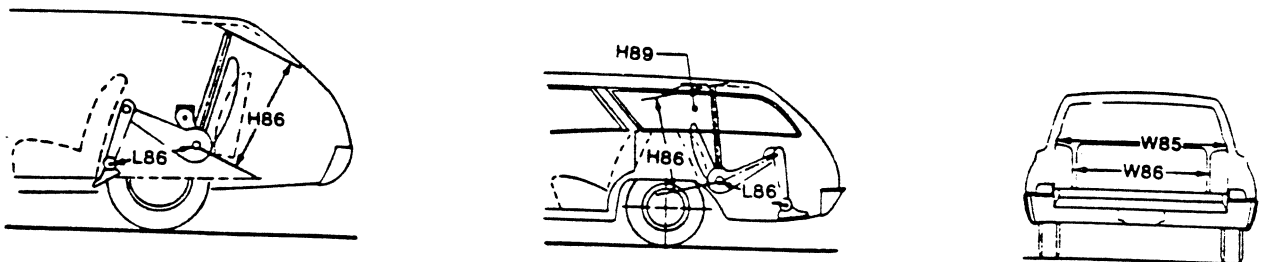
#### Front Compartment



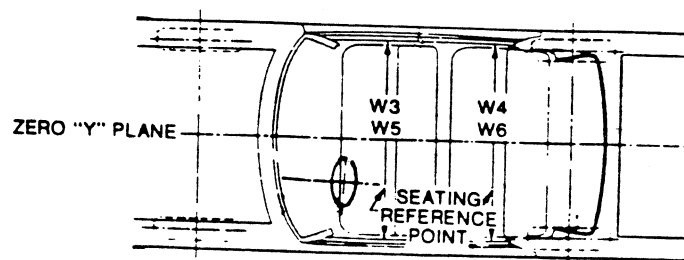
#### Rear Compartment



#### 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 in forward of the zero "X" plane.
- L101 WHEELBASE (WB). The dimension measured longitudinally between front and rear wheel centerlines. In case of dual rear axles, the dimension shall be to the midpoint of the centerlines of the rear wheels.
- L102 TIRE SIZE. As specified by the manufacturer.
- L103 VEHICLE LENGTH. The maximum dimension measured longitudinally between the foremost point and the rearmost point on the vehicle, including bumper, bumper guards, tow hooks and/or rub strips, if standard equipment.
- L104 OVERHANG—FRONT. The dimension measured longitudinally from the centerline of the front wheels to the foremost point on the vehicle including bumper, bumper guards, tow hooks and/or rub strips, if standard equipment.

- L105 OVERHANG—REAR. The dimension measured longitudinally from the centerline of the rear wheels; or in the case of dual rear axles, the dimension shall be the midpoint of the centerlines of the rear wheels, to the rearmost point on the vehicle, including rear bumpers, bumper guards, tow hooks and rub strips, if standard equipment.
- L123 UPPER STRUCTURE LENGTH. The dimension measured longitudinally from the cowl point to the deck point.
- L127 REAR WHEEL CENTERLINE "X" COORDINATE or in the case of dual rear axles, the coordinate shall be in the midpoint of the distance between the rear axle centerlines.
- L125 COWL POINT "X" COORDINATE.

### Height Dimensions

- H101 VEHICLE HEIGHT. The dimension measured vertically from the highest point on the vehicle body to ground.
- H114 COWL POINT TO GROUND. Measured at zero "Y" plane.
- H138 DECK POINT TO GROUND. Measured at zero "Y" plane.
- H112 ROCKER PANEL—FRONT TO GROUND. The dimension measured vertically from the foremost point on the bottom of the rocker panels, excluding flanges, to ground.
- H132 BOTTOM OF DOOR OPEN—FRONT TO GROUND. The dimension measured vertically from the bottom outside corner of the door on the lock pillar side, 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 457 mm (18.0 in.) long drawn from the lower DLO to the intersecting point on the windshield.
- H127 HEADLAMP TO GROUND—CURB MASS (WT). The dimension measured vertically from the centerline of the lowest headlamp lens to ground.
- H128 TAILLAMP TO GROUND—CURB MASS (WT). The dimension measured vertically from the centerline of the upper bulb to ground.

### Ground Clearance Dimensions

- H102 FRONT BUMPER TO GROUND. The minimum dimension measured vertically from the lowest point on the front bumper to ground, including bumper guards, if standard equipment.

# MVMA Specifications Form

## Passenger Car

### METRIC (U.S. Customary)

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

##### Dimensions Definitions

- H103 FRONT BUMPER TO GROUND CURB MASS (WT.). 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 MASS (WT.). Measured in the same manner as H104.
- H106 ANGLE OF APPROACH. The angle measured between a line tangent to the front tire static loaded radius are the initial point of structural interference forward of the front tire to ground. The limiting structural component shall be designated.
- H107 ANGLE OF DEPARTURE. The angle measured between a line tangent to the rear tire static loaded radius are the initial point of structural interference rearward of the rear tire to ground. The limiting component shall be designated.
- H147 REAR BREAKOVER ANGLE. The angle measured between two lines tangent to the front and rear tire static loaded radius and intersecting at a point on the underside of the vehicle which defines the largest ramp over which the vehicle can roll.
- H153 REAR AXLE DIFFERENTIAL TO GROUND. The minimum dimension measured from the rear axle differential to ground.
- H156 MINIMUM RUNNING GROUND CLEARANCE. The minimum dimension measured from the sprung vehicle to ground. Specify location.

#### Front Compartment Dimensions

- PD1 PASSENGER DISTRIBUTION—FRONT.
- L31 SgRP—FRONT "X" COORDINATED.
- H61 EFFECTIVE HEAD ROOM—FRONT. The dimension measured along a line 8 deg. rear of vertical from the SgRP—front to the headlining plus 102 mm (4.0 in.).
- H75 EFFECTIVE T-POINT HEAD ROOM—FRONT. The minimum radius from the T-point to the headlining plus 762 mm (30 in.).
- L34 MAXIMUM EFFECTIVE LEG ROOM—ACCELERATOR. The dimension measured along a line from the ankle pivot center to the SgRP—front plus 254 mm (10.0 in.) 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 254 mm (10.0 in.) 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 25 mm (1.0 in.) below and 76 mm (3.0 in.) above the SgRP—front and 76 mm (3.0 in.) fore and aft 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 102 mm (4.0 in.).
- 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 254 mm (10.0 in.).
- 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 51 mm (2.0 in.).
- 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 254-406 mm (10.0-16.0 in.) 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 330 mm (13.0 in.) 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 254 mm (10.0 in.).
- 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 102 mm (4.0 in.).
- H89 EFFECTIVE T-POINT HEAD ROOM—THIRD. Measured in the same manner as H75.

# MVMA Specifications Form

## Passenger Car

### METRIC (U.S. Customary)

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

##### Dimensions Definitions

##### 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 undeepressed floor covering to the rearmost point on the undeepressed 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 undeepressed 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 undeepressed floor covering to the rearmost point on the undeepressed floor covering on the closed tailgate or taildoor for station wagons, trucks and mpv's at the zero "Y" plane.
- L203** CARGO LENGTH—CLOSED—SECOND. The dimension measured horizontally from the back of the second seat at the height of the undeepressed floor covering to the rearmost point on the undeepressed 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 undeepressed 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 undeepressed floor covering to the upper trimmed opening on the zero "Y" plane with rear door fully open.
- H250** TAILGATE TO GROUND (CURB MASS WT). The dimension measured vertically from the top of the undeepressed 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:  

$$\frac{W4 \times H201 \times L204}{109} = \text{m}^3(\text{cubic meter})$$
- 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 undeepressed 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:  

$$\frac{\frac{L208 + L209}{2} \times W4 \times H197}{109} = \text{m}^3(\text{cubic meter})$$

# MVMA Specifications Form

## Passenger Car

### METRIC (U.S. Customary)

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