

GENERAL

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MODEL IDENTIFICATION

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

SERIAL NUMBERS AND IDENTIFICATION

ONLY BASIC DESIGNATIONS SHOWN

VEHICLE IDENTIFICATION NUMBER

Vehicle Designation Interpretation

1 Q 87 U 8 N 500001
 | | | | |
 Sequential No.
 Assembly Plant (*)
 Model Year 1978
 Engine Type (**)
 Body Style (last two digits of model Number)
 Car line and Series (***)
 Make ("1" for Chevrolet)

*N - Norwood-GMAD L - Van Nuys-GMAD
 **D - L6-250 (110 H.P.) L - V8-350 (170 H.P.)
 U - V8-305 (145 H.P.)
 ***Q - Camaro

EXAMPLE: The twenty-fifth Chevrolet vehicle built at GMAD Norwood if it were a 1FQ87 model (Camaro Sport Coupe) with a V8-305 (145 H.P.) engine would bear VIN Number 1Q87U8N500025.

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

TRANSMISSION IDENTIFICATION

Example: S8E01

Type	Source	Model Year	Production ^o
Designation	Designation	1978	Month & Date
UR	S (Muncie)	8	E01D*

UR	3-Speed	L-6 engine	S - Muncie
ZM	4-Speed	V-8 engine	R - Muncie
WK	3-Speed Auto.	L-6 engine	D - Parma
			Y - Toledo
AG	3-Speed Auto.	V-8 engine	D - Parma
			Y - Toledo

Location:

3-Speed Stamped on right side of case, at adapter.
 4-Speed Stamped on right side of case, at adapter.
 3-Speed Automatic Stamped on right side transmission, above filler plug.

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

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

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

ENGINE IDENTIFICATION

Example: F1210CCJ

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

250 Cubic Inch 6-Cylinder

CCJ - Regular engine, 3-speed
 CCK - Regular engine, 3-speed automatic

305 Cubic Inch 8-Cylinder (RPO LG3)

CTH - Optional engine, 4-speed, 2-bbl. carb.
 CTK - Optional engine, 3-speed automatic

350 Cubic Inch 8-Cylinder (RPO LM1)

CHR - Optional engine, 4-speed, 4-bbl. carb.
 CHF - Optional engine, 3-speed automatic

Location:

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

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

REAR AXLE IDENTIFICATION

2PS - 2.41 Axle
 2PU - 2.73 Axle
 2PW - 3.08 Axle
 2PY - 3.42 Axle
 2PZ - 3.73 Axle

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

See Power Train Section for additional Information.

EXTERIOR EQUIPMENT

STANDARD EXTERIOR EQUIPMENT LIST

	Standard 1FQ87	Type LT 1FS87
FRONT		
Grille Panel Center Mounted Crest (C)	X	X
Header Mounted Parking Lamp with Clear Lens and Amber Bulb (C)	X	
Header Mounted Parking Lamp with Bright Vertical Bar and Bezel (Bezel Black on Z28) (C)		X
Single "Power-Beam" Headlamps (C)	X	X
Bright Headlamp Bezel (Black on Z28) (C)	X	X
Argent Colored One-piece Radiator Grille (Black on Z28 & Z85) (C)	X	X
Argent Lower Grille	X	X
License Plate Mounting Provision on Bumper near RH Outboard End (C) * . .	X	X
Top and Side Windshield Reveal Molding Bright	X	X
Two-Speed Windshield Wipers and "Demand Type" Washers (F)	X	X
Concealed Black Chrome Finished Wipers - Articulated Left Blade and 18" Wiper Blades (F)	X	X
Bright Hood and Fender Upper Edge Molding (C)		

*Provided only for States requiring front license plates.

NOTES: "O" indicates deviation from standard equipment, but included in the optional package.

(C) Chevrolet item

(F) Fisher item

EXTERIOR EQUIPMENT

	Standard 1FQ87	Type LT 1FS87
SIDE		
Front Marker Lamp with Amber Lens	X	X
Front Fender Nameplate "Camaro"—Block Lettering (C)	X	X
Sail Panel "Type LT" Emblem (F)		X
Rectangular LH Rear View Mirror (F)	X	
Sport Mirrors In Body Color for "Type LT" (F)		X
Bright Chrome Flush Door Handles (F)	X	X
Body Colored Tape Insert on Flush Door Handles (F)		
Bright Spear Rocker Panel Molding (C)	X	
Bright Body Lock Pillar Vertical Molding (F)		
Bright Lower Window Sealing Strip Bead (F)	X	X
Bright Body Lock Pillar Vertical Seal Retainer (F)	X	X
Bright Roof Drip Moldings (F)		
Bright Door Belt Reveal Molding (F)		
Hub Cap — (C)	X	
Bright Side Lower Molding On Door, Rear Quarter and Fender with Black Paint Below (F, C)		X
Rally Wheels and Trim Rings, 14 x 7 (C)		X
REAR		
"Camaro" Crest on Fuel Door (F)	X	X
Rear End Panel "Type LT" Emblem (F)		X
Black Rear Window Reveal Molding with Bright Center Moldings	X	X
New Tail Lamp Unit with Stop, Amber Directional, Rear Marker, and Back-up Lamps (C)	X	X
New Soft Rear Bumper	X	X

NOTES: "O" indicates deviation from standard equipment, but included in the optional package.

(C) Chevrolet item

(F) Fisher item

INTERIOR EQUIPMENT

INTERIOR EQUIPMENT

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

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

* Included with Type LT vinyl trimmed seats.

** Requires RPO AK1 Deluxe Seat Belts and Shoulder Harness; not available with black interior.

"M" Indicates modified by addition of bright edges around door pull cup insert.

INTERIOR EQUIPMENT

	Standard (1FQ87 Model)	Type LT (1FS87 Model)
INSTRUMENT PANEL AND STEERING WHEEL		
Trim Color Instrument Panel Pad (C)	X	X
Black Accented Instrument Cluster (new color) (C)	X	
Simulated on Instrument Cluster – with Bright Work Separating Upper and Lower Instrument Panel (C)		O
Lower Instrument Panel, Ash Tray Face Plate and Glove Box Door, Color-Coordinated (C)	X	X
Glove Compartment Door Lock (C)	X	X
“Camaro” Glove Compartment Nameplate–Script (C)	X	X
Black Side Kick-pad Ventilation Control Knob (F)	X	X
Black Astro-Ventilation Control Knob (F)	X	X
T-Handle Parking Brake Release (C)	X	X
Instrument Panel Ventilation Outlets (F)	X	X
Windshield Wiper and Washer Switch Nomenclature–Illuminated (Slide-Type, Depress to Wash) MVSS No. 101	X	X
Lighting Control Knob – Black Soft Vinyl with Symbol (C)	X	X
Radio Control Knobs – Black Soft Vinyl with Symbols (C)	O-*	O-*
Speedometer, Odometer, and Fuel Gauge (C)	X	X
Temperature, Generator, Oil Pressure and Brake Warning Tell-Tale Lights (C)	X	
“Fasten Seat Belt” Lamp in Instrument Panel	X	X
Hi-Beam and Turn Signal Indicators (C)	X	X
Glove Compartment Lamp (C)		O
Shift Quadrant Cover Plate (Used with Manual Transmission) (C)	X	X
Clock Hole Cover (C)	X	
Radio Hole Cover (C)	X	X
Ash Tray (C)	X	X
Cigarette Lighter Knob – Black Soft Vinyl with Symbol (C)	X	X
Blended Air Heater with Illuminated Control Plate (C)	X	X
Color-Coordinated Steering Column (C)	X	X
Color-Coordinated, Four Spoke Sport Vinyl Steering Wheel with Crest in Center (C)	X	
Color-Coordinated Four Spoke Vinyl Steering Wheel with Specific Type LT Insert (C)		X
Steering Column Ignition Switch with Integral Steering Wheel and Transmission locks (C)	X	X
Hazard Flasher Knob – Black (C)	X	X
Soft Black Turn Signal Knob (C)	X	X
One Low-Note Horn (C)	X	
Dual-Note Horns		X
Additional Instrument Cluster Lighting (C)		
Special Instrumentation Package (RPO U14)		X

NOTES: “O” indicates deviation from standard equipment, but included with specific model or in the optional package.

(*) Requires RPO U58, U63 or U69 Radio Equipment.

(F) Fisher item

(C) Chevrolet item

EXTRA COST EQUIPMENT

EQUIPMENT	RPO	ACC.
Adjustable Seat Back Equipment: Driver's Seat only	AN6	
Air Conditioning, Four-Season: (see page 13 for content)	C60	
Battery, heavy duty	UA1	
Belts, seat and shoulder: in addition to or replacing standard belts.		
Custom deluxe belts:		
4 Seat and 2 shoulder, Color-Keyed to interior,		
Not available with black interior.	AK1	ACC
Shoulder belts — 2 rear: (Black only)		
Console, floor (includes floor-mounted shift lever with		
automatic transmission)	D55	
Cruise-Master Speed Control (with automatic trans. only)	K30	ACC
Glass, Soft-Ray tinted: all windows	A01	
Horns, Dual (Standard on Type LT.)	U05	
Instrumentation, special: (Standard on Type LT or Z28)	U14	
Lighting, auxiliary:	ZJ9	
Courtesy lights, Instrument Panel		
Glove compartment light (Sport Coupe without Type LT or Z54)		ACC
Luggage compartment light		ACC
Ash tray light		
Underhood light		ACC
Headlamp Reminder Buzzer		
Mirror, vanity visor		ACC
Mirror, vanity visor, lighted		ACC
Moldings, body side	B84	
Radiator, heavy duty: V8 only		
(Forced with L6 engine, when C60 Air Conditioning		
is selected)	V01	
Radio equipment: Radios, Pushbutton — Includes concealed w/s antenna		
AM Radio	U63	ACC
AM/FM Radio	U69	ACC
AM/FM Stereo Radio	U58	ACC
AM Radio and Stereo Tape Player	UM1	ACC
AM/FM Stereo Radio and Tape Player	UM2	ACC
Speaker, rear seat	U80	ACC
Windshield antenna (When no radio is ordered) (included w/radio)	U76	
Roof cover, vinyl — Includes bright drip molding	CB7	
Spoilers, rear deck (included w/Z28 or Z85)	D80	
Steering wheel, Comfortilt:	N33	
Tire, stowaway spare (Includes refillable CO ₂ Tire		
inflator bottle, Standard on Z28)	N65	
Wheel covers, full:	P01	ACC
Wheels, rally (14 x 6 or 14 x 7) Std. on Type LT, incl. w/Z85	ZJ7	
Wheels, special styled urethane/steel 14 x 7	PE1	
Windshield Glass — Tinted (Fleet use only)	A02	
FACTORY-INSTALLED REGULAR PRODUCTION TIRES		
FR78-14 — steel belted radial ply, white stripe	QDW	
GR70-15 — steel belted radial ply, white lettered (Z28 only)	QRZ	
E78-14B — bias belted, highway blackwall	QEG	
E78-14B — bias belted, white stripe	QEH	

EXTRA COST EQUIPMENT

EQUIPMENT	RPO	ACC.
FEATURE ITEMS		
Door edge guards	B93	ACC
Color-keyed floor mats — 2 Front, 2 Rear	B37	ACC
Electric clock (Incl. with U14) (Std. Type LT & Z28)	U35	
Rear window defogger (Forced Air)	C50	ACC
MODEL OPTIONS		
Exterior style trim option (see page 10 for content)	Z21	
Interior decor/quiet sound group (see page 10 for content)	Z54	
Rally sport package (see page 11 for content)	Z85	
Z28 package (see page 12 for content)	Z28	
POWER TEAMS		
Turbo-Fire 305 V8	LG3	
Turbo-Fire 350 V8	LM1	
4-Speed manual transmission — wide Ratio: Optional 350 V8 only	M20	
3-Speed Automatic Trans.	MX1	
Axle, Positraction	G80	
Axle, High Altitude	G92	
POWER ASSISTS		
Brakes, power, (Forced with V8 engine, optional with L6 engine)	J50	
Windows, power (Requires D55 Floor console)	A31	
Door lock system, power	AU3	

Z21 STYLE TRIM OPTION

MODEL AVAILABILITY
CAMARO (1FQ87 & 1FS87)

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

EXTERIOR

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

Z54 INTERIOR DECOR/QUIET SOUND GROUP

MODEL AVAILABILITY
CAMARO (1FQ87) (Included in Camaro Type LT model)

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

INTERIOR

Additional Instrument Cluster Lighting (Tell-tale and clock openings illuminated)
Glove Compartment Lamp
Additional Hood and Body Acoustic Insulation, same as included with Type LT model.
Bright Horizontal Bead Separating Upper and Lower Instrument Panel
Simulated Rattan (Basketweave) on Instrument Cluster Carrier

Z85 RALLY SPORT PACKAGE

MODEL AVAILABILITY

CAMARO (1FQ87 & 1FS87)

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

EXTERIOR

Special Contrasting Paint Treatment

- on forward portion of roof (rear portion remains body color for "Landau" effect).
- around side windows and on upper portion of door.
- on top surface of front fenders.
- on hood, header panel, grille (black only), and headlamp bezels (black only).
- on dual sport mirrors (RPO D35 included in RPO Z85 package).
- on door lower, rocker panel and fender (black only), with narrow bright molding along upper edge (1FS87 model).
- for 1FQ87 model, similar to 1FS87 as shown directly above, except black paint application is more narrow and molding is not used.

Tri-color striping separating contrasting color from body color in appropriate areas of roof, side and front fenders, rear lamp area.

Bright edged headlamp bezels.

"Rally Sport" decals on deck lid and front fenders.

CHASSIS

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

RPO Z28 MODEL OPTION

MODEL AVAILABILITY

Standard Camaro (1FQ87)

POWER TRAIN AVAILABILITY

Engine	Transmission	Rear Axle
V-8 350 Cu. In. 4-Bbl. (RPO LM1) (With engine identification decal.)	4-Speed transmission (With specific shift knob.)	3.73 axle

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

BODY

EXTERIOR

Black painted grille, nameplate, tail lamp bezel, rear end panel, license plate opening, headlamp bezels, parking lamp bezels and openings, rocker panel area, wheelhouse eyebrows, front and rear reveal moldings.
Specific hood, front fender, front and rear spoiler decals, wheelhouse and rocker panel accent stripes, Z28 decals and door handle tape inserts.
Bumpers, body colored.
Sport mirrors, body color (RPO D35).
Spoilers front and rear, body color (RPO D80).
Hood scoop.
Louvers, front fender.

INTERIOR

Special instrumentation (RPO U14)
Special (larger rim section) steering wheel with Z28 hub insert.

CHASSIS

Sport suspension
Inland shifter
Warner 4-speed transmission (with specific shift knob).
Power Brakes (RPO J50)
High-Performance dual exhaust
Wheels, body color 15 x 7 with specific hub cap units.
Tires, GR70-15B white lettered.
Space Saver spare tire.

FOUR SEASON (RPO C60)

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

BASIC COMPONENTS

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

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

CHASSIS

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

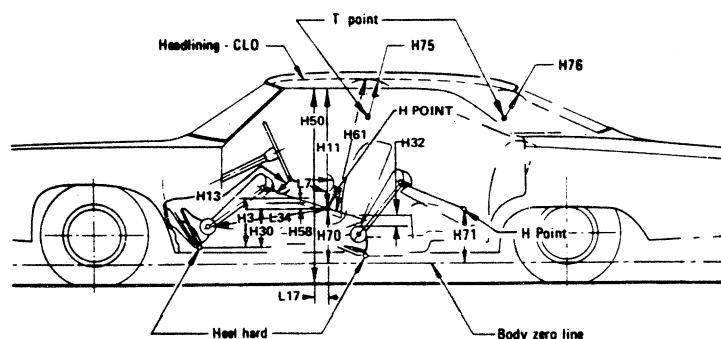
POWER TRAINS

Fan Blade 7 blade
Fan Clutch Thermomodulated fluid coupling
Crankshaft Pulley Single three groove pulley
Water Pump & Fan Pulley Dual
Compressor & Crankshaft Belt One
Generator 61 Ampere
Radiator Heavy duty

DIMENSIONS AND WEIGHTS

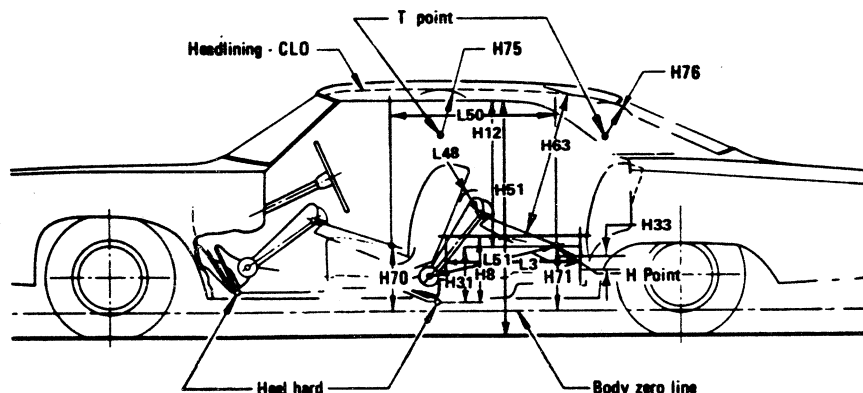
INTERIOR DIMENSIONS	2
LUGGAGE CAPACITY	2
EXTERIOR DIMENSIONS	3, 4
VEHICLE WEIGHTS	5
OPTIONAL EQUIPMENT WEIGHTS	5

INTERIOR DIMENSIONS



FRONT COMPARTMENT

CODE	DESCRIPTION	2-DOOR SPORT COUPE	
H3	Seat cushion height	8.8	
H11	Entrance height	29.6	
H13	Steering wheel thigh clearance	4.5	
H30	H point to heel point	6.1	
H32	Seat cushion deflection	2.5	
H50	Upper body opening to ground	45.7	
H58	H point rise	0.9	
H61	Effective headroom	37.2	
H70	H point to body O line	10.9	
H75	Effective 'T' point headroom	37.4	
W3	Shoulder room	56.7	
W5	Hip room	1FQ87 - 52.4	1FS87 - 55.8
L7	Steering wheel torso clearance	14.9	
L17	H point travel	5.0	
L34	Effective leg room	43.9	



REAR COMPARTMENT

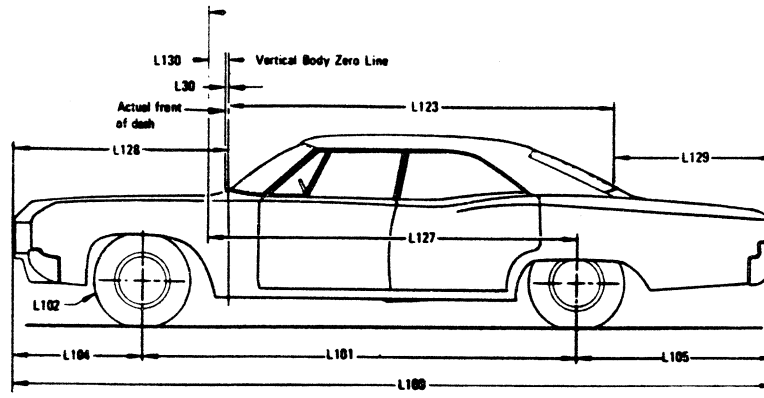
H8	Seat cushion height	10.0
H31	H point to heel point	8.4
H33	Seat cushion deflection	2.7
H63	Effective headroom	36.0
H71	H point to body O line	9.9
H76	Effective 'T' point headroom	35.9
W4	Shoulder room	54.4
W6	Hip room	46.3
L3	Rear compartment room	22.7
L50	H point couple distance	27.3
L51	Effective leg room	28.4

LUGGAGE COMPARTMENT

H195	Liftover height	27.2
V1	Usable luggage capacity (cu.ft.)	6.4*

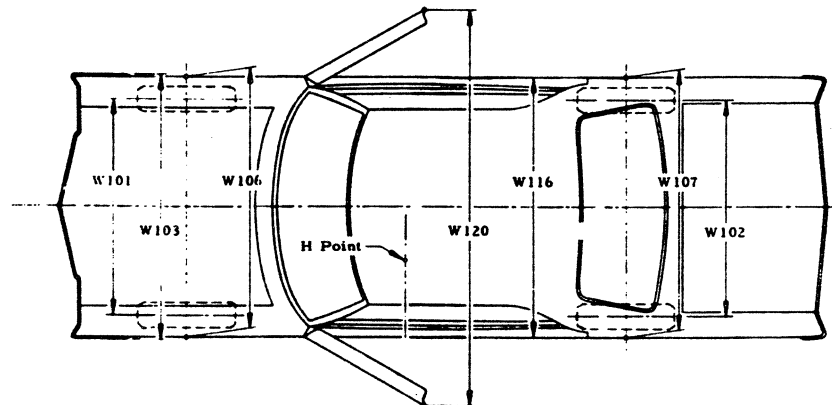
* With space saver tire 7.2 cubic feet.

EXTERIOR DIMENSIONS



LENGTHS

CODE	DESCRIPTION	2-DOOR SPORT COUPE
L101	Wheelbase	108.0
L102	Tire size (standard)	FR 78-14
L103	Overall length	197.6
L104	Overhang, front	43.8
L105	Overhang, rear	45.8
-	Overall length - less bumpers	187.8
L123	Body upper structure length at car center line	94.2
L127	Body O line to C/L of rear wheels	86.7
L128	Front end length at centerline	57.5
L129	Rear end length at centerline	24.0
L125	Body zero plane to windshield cowl point	9.4
L30	Body O line to actual front of dash	-1.2

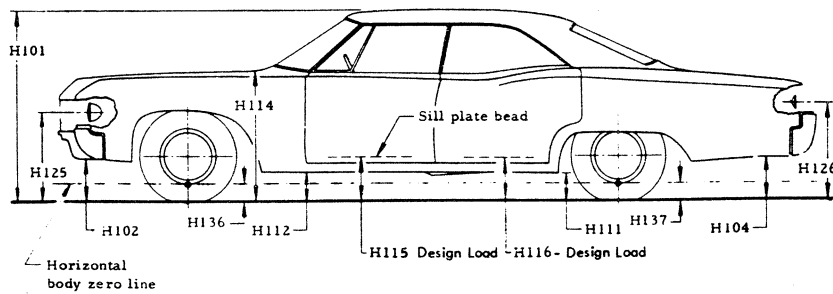


WIDTHS

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

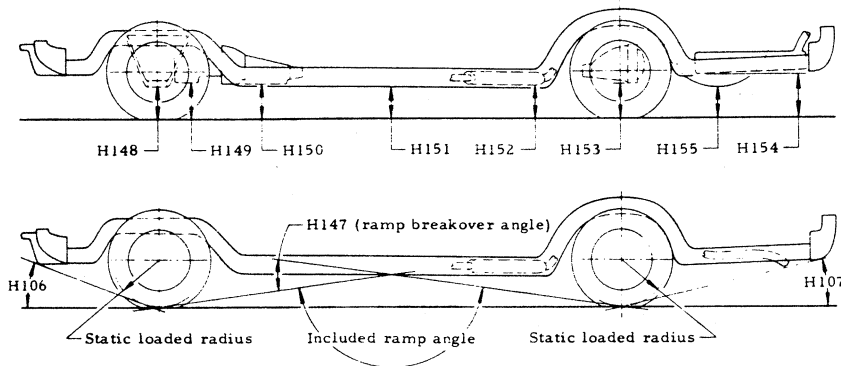
*-W101, (Type LT) Front 61.6, W102, (Type LT) Rear 60.3

EXTERIOR DIMENSIONS



HEIGHTS

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



CLEARANCES

H106	Angle of approach (degrees)	25°15'
H107	Angle of departure (degrees)	12°18'
H147	Ramp breakover angle (degrees)	11°16'
H148	Front suspension to ground	5.1
H149	Oil pan to ground	5.2
H150	Flywheel housing to ground	5.7
H151	Frame to ground	4.9
H152	Exhaust system to ground	4.9
H153	Rear axle to ground	6.3
H154	Fuel tank to ground	7.4
H155	Tire well to ground	19.2
H156	Minimum ground clearance	4.9 (a)

(a) Catalytic converter

CAMARO

MODEL TYPE

MODEL DESIGNATION	BASE ENGINE	VEHICLE TYPE	SHIPPING WEIGHT			CURB WEIGHT		
			Front	Rear	Total	Front	Rear	Total
1FQ87	250 Cu.In. - L6	2-Door Sport Coupe	1908	1385	3293	1885	1518	3403
1FS87	250 Cu.In. - L6	2-Door Sport Coupe	1923	1424	3347	1900	1557	3457

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

CURB WEIGHT: Shipping weight plus gasoline to capacity.

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

OPTIONAL EQUIPMENT

RPO	OPTION	WITH	WEIGHT
AU3	Electric Door Locks		+ 6
A31	Power Windows		+ 8
B37	Floor Mats, Front & Rear		+ 8
CB7	Exterior Padded Vinyl Roof		+ 1
C60	Air Conditioning	With 6 Cyl. Engine	+ 76
		With V8 Engine	+ 90
C50	Defogger, Rear Window		+ 6
D55	Floor Console	With 3-Speed Transmission	+ 5
		With 4-Speed Transmission	+ 5
		With 3-Speed Automatic Trans.	+ 6
D80	Spoilers, Front and Rear		+ 12
F41	Sport Suspension		+ 9
J50	Power Brakes		+ 9
PE1	Custom Styled Wheels (urethane styled steel)	1FQ87	+ 24
		1FS87	+ 11
UM1	Radio AM with Stereo Tape		+ 11
UM2	Radio AM-FM with Stereo Tape		+ 11
U58	Radio AM/FM Stereo		+ 10
U63	Radio AM Pushbutton		+ 6
U69	Radio AM/FM Pushbutton		+ 7
U80	Auxiliary Speaker		+ 4
UA1	Heavy Duty Battery	With L6 Engine	+ 11
		With V8 Engine	+ 9
ZJ7	Spec. Whl. Hub Cap & Trim Ring		+ 14
Z28	Special Performance Package		+ 37
Z54	Interior Decor/Quiet Sound Group		+ 8
Base	250 Cu.In. 6 Cyl. Engine	With 3-Speed Automatic Trans.	+ 23
LG3	305 Cu.In. V8 Engine	With 4-Speed Transmission	+131
		With 3-Speed Automatic Trans.	+148
LM1	350 Cu.In. V8 Engine	With 4-Speed Transmission	+138
		With 3-Speed Automatic Trans.	+155

BODY

EXTERIOR PAINT PROCESS	2
EXTERIOR-INTERIOR COLORS	3, 4, 5, 6
BODY CONSTRUCTION AND GLASS AREA	7

EXTERIOR PAINT PROCESS

1. **RUSTPROOFING.** Assembled car bodies are chemically sprayed to clean and etch the metal surfaces for corrosion resistance and paint adhesion. Unassembled sheet metal parts follow the same process.
2. **BODY AND SHEET METAL PRIMERS.** Four corrosion resistant primers, specially formulated, are hand sprayed on the body in areas where rust might develop. Lower areas considered especially vulnerable are coated with another rust inhibiting compound.
3. **PRIMER COAT** is applied to all outside and inside surfaces of front fenders and hoods. The parts are mechanically dipped or flow-coated to insure coating in all seams and secluded areas, and baked at 390 degrees F, for 30 minutes. A coat of sealer is then applied by hand spray to all surfaces requiring another coat of lacquer.
4. **FLASH PRIMER AND PRIMER-SURFACER COATS.** An air-dry flash primer coat is hand sprayed on surfaces below the body belt line. Then a gray primer-surfacer coat is hand sprayed on all outside surfaces of the body and oven baked for 45 minutes at 285 degrees F.
5. **INITIAL SANDING.** Power wet sanding, followed by hand sanding, is done on all body surfaces requiring lacquering. This insures a smooth surface for the lacquer finish. To remove the water, the body is wiped and run through an infra-red oven.
6. **LACQUERING.** Three coats of acrylic lacquer are spread on the exterior surfaces of the body and sheet metal parts to build up a finish of the required thickness for each color.
7. **INITIAL BAKING.** To harden the paint for final sanding, the body and sheet metal parts are baked for approximately 10 minutes at 200 degrees F.
8. **FINAL SANDING.** To remove body surface defects, power and hand sanding is done with fine grit sandpaper and mineral spirits as a wetting agent. Sanded areas are wiped to insure a clean surface before final baking.
9. **FINAL BAKING.** To assure a durable, hard, high luster finish the lacquer is baked for 30 minutes at 275 degrees F. Reheating the lacquer after final sanding permits paint film to soften, allowing surface blemishes and sanding scratches to disappear during the thermo-reflow process.
10. **UNDERCOATING.** To block out road noise, an asbestos fiber sound deadener with asphalt base is sprayed inside the wheel housings and on the bottom of the underbody at designated areas.
11. **PAINT REPAIR AND PROTECTION.** Mars, nicks, or scratches that occur during final assembly are corrected at the factory before shipment. When required, light "slush" polishing brings painted surfaces to a high luster finish. Wax is applied to all horizontal surfaces of each vehicle and polished out for protection during shipment. The wax contains no silicones, thus eliminating any paint contamination problem.

EXTERIOR COLOR – VINYL ROOF COMBINATIONS

VINYL TOP COVER	EXTERIOR COLOR AVAILABILITY
Silver Metallic	Silver 15
	Black 19
	Light, Red 75
	Carminc (Met.) 77
Black	All available colors
White	All available colors
Light Blue Metallic	White 11
	Black 19
	Light Blue Metallic 22
	Bright Blue Metallic 24
Camel, Light	White 11
	Black 19
	Blue-Green, Dark (Met.) 48
	Camel (Met.) 63
	Saffron (Met.) 67
	Camel, Dark (Met.) 69
Carminc, Dark (Met.)	Carminc (Met.) 77
Light Green Metallic	White 11
	Black 19
	Blue-Green, Dark (Met.) 48

EXTERIOR-INTERIOR COLORS

1978 CHEVROLET CAMARO 'F' INTERIOR COLOR COMBINATIONS

MODEL	Seat Type	INTERIOR COLORS												
		Black		Light Blue	Dark Green	Camel Tan		Carmine		White				
		(19X)	(19X)	(24X)	(44X)	(62X)	(62X)	(74X)	(74X)	(19X)	(67X)	(74X)	(24X)	(44X)
		Vinyl	Cloth	Cloth	Vinyl	Cloth	Vinyl	Cloth	Vinyl	Vinyl /Black	Vinyl /Saffron	Vinyl /Carmine	Vinyl /Blue	Vinyl /Green
Standard – 1FQ00 Coupe (87) *	(A51) Bucket	19R	19B	24B	44R	62B	62R	74B	74R	11R	11R	11R	11R	11R
Type LT – 1FS00 Coupe (87) * RPO ZJ1 Custom Interior@	(A51) Bucket	19N	19D	24C	44N	62C	62N	74C	74N	11N	11N	11N	11N	11N

CLOTH AND VINYL USAGE

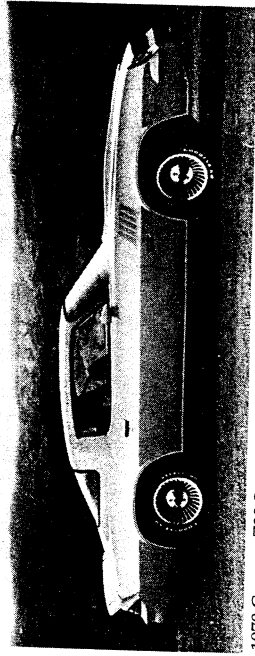
B—Bayonne, 816 WC, woven sport cloth; Winfield bolster
R—Oxen vinyl; Oxen bolster
N—Rattan vinyl, Wallaby bolster
C—Edinburgh, 739 WC, woven sport cloth; Winfield bolster
D—Winfield, 614 WC, woven cloth; Winfield bolster

* The 1FQ87 and the 1FS87 require a Big Four Option Number in addition to the trim combination number. The Big Four Module consists of the instrument panel, carpet, cowl kick panel and package shelf. Module numbers are shown in parenthesis at the top of each column. Examples: Black—19R + 19X, White with Black Big Four—11R + 19X.

@ The LT interior is an available option (RPO ZJ1) on the 1FQ87 when RPO Z28 performance and appearance option is specified.

1978 CAMARO

Production: 36,982 6-cyl, 235,649 V8, 272,631 total.



1978 Camaro Z28 Sport Coupe

Chevrolet photo

1978 NUMBERS

Vehicle Identification Example: 1Q87L8N500001

- Second digit is model level: Q=Sport, Rally Sport, and Z28 Coupe S=Type LT
- Fifth digit is engine code: D=250ci, L=350ci, U=305ci
- Sixth digit is model year: 8=1978
- Seventh digit is N for Norwood assembly, L for Van Nuys.
- Last six digits increased one with each car built at each plant.

Dimensions: Length: 195.5 inches Height: 49.2 inches
Width: 74.4 inches Wheelbase: 108.0 inches

Suffix: CCH: 250ci, at, ce CTH: 305ci, mt
CCJ: 250ci, mt CHR: 350ci, mt CTK: 305ci, at, ce
CCK: 250ci, at CHS: 350ci, at C3N: 305ci, ex, uu
CEM: 305ci, at CHT: 350ci, mt, uu C3T: 350ci, ex, uu
CHC: 350ci, at CHU: 350ci, at, uu C3Y: 250ci, ex, uu
CHF: 350ci, at

Abbreviations: at=automatic transmission, ce=california emission controls, ci=cubic inch, ex=export, mt=manual transmission, uu=uncertain usage.

1978 FACTS

- The 1978 had the third and last design facelift for the second generation. Body-color fronts and rears had new grille and taillight designs.
- The Rally Sport continued in 1978, essentially a striking two-tone paint scheme that separated hood, tops of front fenders and doors, and part of the roof from the remainder of the body with tri-color striping. But Rally Sport was no longer a regular production option. Rather, Rally Sport became two distinct models, a Rally Sport Coupe, and a Type LT Rally Sport Coupe. Added to the base Sport Coupe, the Type LT Rally Sport Coupe, and the Z28 Sport Coupe, this meant five Camaro models for 1978. It also meant that the Rally Sport and Z28 could not be combined.
- The Z28 model for 1978 featured the 350ci engine with 185hp (175hp in California), black grille and other trim, specific hood with scoop, front fender, front and rear spoiler decals, wheelhouse and rocker panel accent stripes, Z28 decals and door handle inserts, sport mirrors, front and rear spoilers, front fender louvers, and a "string" wrapped steering wheel. Also included was a sport suspension, power brakes, 4-speed manual transmission, special dual-exhaust, 15x7 wheels with special hub covers, GR70x15 white letter tires, and Space-Saver spare tire.

1978 FACTS cont...

- 1978 was the first year for T-top (RPO CC1) availability in Camaros. Despite an interim release, 9,875 sets were sold.
- Improvements for 1978 included a better-isolated exhaust system for the 6-cylinder models, added front frame reinforcements and redesigned rear spring shackles for better stability, a noncorroding nylon brake pressure differential switch to replace the previous steel unit, and a charcoal filter to absorb corrosive fumes in the power brake booster vacuum line.
- Chevrolet built the two-millionth Camaro at the Van Nuys (Los Angeles) plant on May 11, 1978.
- Manual transmissions were not available in California.
- Rear axle ratios were lowered on all V8 applications for improved fuel economy. The 6-cylinder models weren't affected.

1978 FACTORY OPTIONS

RPO	Description	Qty	Retail
1FQ87	Camaro Sport Coupe, 6-cylinder	134,491	\$4,414.25
1FQ87	Camaro Rally Sport Coupe, 6-cylinder	11,902	4,784.25
1FS87	Camaro Type LT Coupe, 6-cylinder	65,635	4,814.25
1FS87	Camaro Type LT Rally Sport Coupe, 6-cyl	5,696	5,065.25
1FQ87	Camaro Z28 Sport Coupe, 8-cylinder	54,907	5,603.85
AK1	Belts, color-keyed seat and shoulder	96,221	21.00
AN6	Adjustable Seat Back, driver side	23,443	21.00
AU3	Power Door Locks	31,956	80.00
A01	Soft Ray Tinted Glass, all windows	233,115	56.00
A31	Power Windows	51,008	124.00
B37	Floor Mats, color-keyed front and rear	126,900	20.00
B80	Molding, roof drip	111,904	23.00
B84	Moldings, body side	136,724	42.00
B93	Moldings, door edge	79,002	11.00
—	Vinyl Roof Cover	11,708	102.00
CC1	Roof Panels, removable glass	9,875	625.00
CD4	Windshield Wipers, intermittent	32,548	32.00
C50	Defroster, rear window	95,225	51.00
C60	Air Conditioning	194,584	539.00
D35	Mirrors, sport right and left remote exterior	121,628	33.00
D55	Console	261,955	80.00
D80	Spoiler, rear	44,609	55.00
F41	Suspension, sport	33,920	38.00
G80	Positraction, rear axle	32,834	59.00
G92	Rear Axle, performance ratio	1,878	15.00
J50	Power Brakes	207,393	69.00
K30	Speed Control, cruise master	46,800	90.00
LC3	Engine, 305ci, 145hp V8 (135hp in Calif)	143,110	185.00
LM1	Engine, 350ci, 170hp V8 (160hp in Calif)	92,539	300.00
MM4	Transmission, 4-speed wide range	11,287	125.00
MX1	Transmission, automatic	239,559	307.00
M21	Transmission, 4-speed close ratio (Z28 only)	15,118	nc
NA6	Emission Equipment, high altitude	1,436	33.00
N33	Tilt Steering Column	117,035	69.00
N65	Spare Tire, space saver	30,440	nc
PE1	Wheels, custom-style	17,658	133.00
P01	Wheel Covers, bright metal	14,642	37.00
QBT	Tires, FR78x14 belted radial white letter	44,370	61.00
QDW	Tires, FR78x14 belted radial white stripe	144,878	46.00
QEG	Tires, E78x14 belted blackwall	2,951	-112.95

1978 FACTORY OPTIONS cont...

RPO Description	Qty	Retail
QEH Tires, E78x14 belted white stripe	13,138	\$68.95
UA1 Battery, heavy-duty	26,390	18.00
UM1 Radio, AM with stereo tape	10,074	229.00
UM2 Radio, AM-FM with stereo tape	32,156	328.00
U05 Horns, dual	25,088	7.00
U14 Special Instrumentation	15,967	106.00
U35 Clock	26,246	20.00
U58 Radio, AM-FM stereo	32,477	229.00
U63 Radio, AM	74,376	79.00
U69 Radio, AM-FM	35,838	149.00
U76 Antenna, windshield type	74,814	25.00
U80 Speaker, rear seat	28,940	24.00
V01 Radiator, heavy-duty	56,624	31.00
YF5 Emission Equipment, required for California	33,911	75.00
YI8 Wheels, aluminum	23,794	265.00
ZI7 Rally Wheels	102,563	85.00
ZI9 Auxiliary Lighting	62,280	34.00
Z21 Style Trim Group	111,054	70.00
Z54 Interior Decor and Quiet Sound Package	32,099	61.00

• Prices shown were introductory retail including delivery and handling. They didn't include transportation or state/local taxes.

- Chevrolet records also indicate the following sales: RPO A02 (tinted windshield) 6,568 sold, RPO K05 (engine block heater) 4,917 sold.
- Vinyl to cloth seat upgrade was \$21.00. A Custom Interior for Z28s combined Type LT seats, door panels, glove compartment light and additional instrument panel lighting, simulated leather on instrument cluster, and special insulation. Cost was \$294 for vinyl, \$315 for cloth.
- The base 6-cyl engine for all models except Z28 was 250ci, 110hp (90hp in California). The Z28 engine was V8, 350ci, 185hp (175hp in California).
- RPO AK1 (belts) included four seat and two front shoulder, color-keyed belts and plastic buckles.

- RPO AN6 (adjustable seat back) adjustment limited to two positions.
- RPO B80 (roof drip) was included with vinyl roof or Style Trim.
- RPO CC1 (roof panels) required N65, not available with vinyl roof.
- RPO C60 (air conditioning) included heavy-duty radiator and 61-amp generator. Cost was \$508.00 with V8.
- RPO D35 (sport mirrors) included with Type LT, Rally Sport, or Z28.
- RPO D55 (console) included floor-mount shifter with automatic.
- RPO D80 (rear spoiler) included with Z28 and Rally Sport.
- RPO F41 (sport suspension) included larger front stabilizer, rear stabilizer, and special front and rear shock absorbers; included with Z28.
- RPO J50 (power brakes) included with Z28.
- RPO K30 (speed control) required automatic transmission and power brakes, not available with base 6-cylinder engine in California.
- RPO MM4 (4-speed) not available with base 6-cyl or Z28.
- RPO MX1 (automatic transmission) was \$45.00 with Z28.
- RPO PE1 (custom wheels) cost \$91.00 with Type LT or Rally Sport; required radial tires.

- RPO P01 (wheel covers) available with Sport Coupe model only.
- RPOs QBT, QDW, QEG and QEH (tires) were respective credits of \$49.00, \$37.00, \$89.56 and \$54.56 with RPO N65 space-saver spare.
- RPO U05 (dual horns) were included with Type LT.
- RPO U14 (special instruments) included tach, voltmeter, and temperature gauges plus clock, all in main panel; included with Type LT, or Z28.

1978 FACTORY OPTIONS cont...

- RPO U76 (windshield antenna) was included with all radios.
- RPO V01 (heavy-duty radiator) included when air conditioning and 6-cylinder engine was ordered.
- RPO YI8 (aluminum wheels) were \$180 with Rally Sport or Type LT; \$195 with Z28.
- RPO ZI7 (rally wheels) included 14x7 wheels, hubcaps, and trim rings. Included with Type LT and Rally Sport.
- RPO ZI9 (auxiliary lighting) included ashtray, courtesy, trunk and glovebox lights. Cost \$28 with Type LT or Sport Coupe with RPO Z54.
- RPO Z21 (style trim) included bright roof drip, lock pillar, upper fender, hood panel and belt moldings, plus color door handle insets, and bright-accented parking lights.
- RPO Z54 (interior decor and quiet sound) included glovebox light and additional instrument cluster lighting, simulated leather accents on instrument cluster, and special insulation. Included with Type LT, and Z28 with Custom Trim.

1978 COLORS

Code	Exterior	Qty	Interiors
11	White	28,908	B-Bk-C-G-T-Wb-Wbk-Wc-Wg-Ws
15	Silver	32,060	B-Bk-C-Wbk
19	Black	30,789	B-Bk-C-G-T-Wbk-Wc-Ws
22	Dark Blue	29,788	B-Bk-Wb-Wbk
24	Bright Blue	24,828	B-Bk-Wb-Wbk
34	Yellow-Orange	2,311	Bk-T-Wbk
48	Dark Blue-Green	15,030	Bk-T-G-Wbk-Wg
51	Bright Yellow	15,361	Bk-T-Wbk
63	Camel	20,267	Bk-T-Wbk
67	Saffron	9,230	Bk-T-Wbk-Ws
69	Dark Camel	23,370	Bk-T-Wbk
75	Light Red	16,163	Bk-C-T-Wbk
77	Carmine	24,509	Bk-C-T-Wbk-Wc

- Interior and exterior combinations shown were recommended by Chevrolet as most attractive, but other combinations were permitted.
- Vinyl tops were available in black, light blue, carmine, camel, light green, silver, and white.
- Exterior color choices for Z28 models were limited to Black, Blue, Dark Blue-Green, Camel, Carmine, Light Red, Silver, White, Bright Yellow, and Yellow-Orange.
- Exterior lower color choices for Rally Sport models were limited to Blue, Camel, Light Red, Silver, White, and Bright Yellow.
- Standard vinyl and optional sport cloth interiors for Z28 models were the same as the Sport Coupe; however, a Custom Interior in vinyl and two styles of cloth with Type LT seats and trim was also available with Z28.
- **Interior Codes:** 11N=W-v-LT, 11R=W-v-SC, 19B=Bk-c-SC, 19D=Bk-c-LT, 19N=Bk-v-LT, 19R=Bk-v-SC, 24B=B-c-SC, 24C=B-c-LT, 44N=G-v-LT, 44R=G-v-SC, 62B=T-c-SC, 62C=T-c-LT, 62N=T-v-LT, 62R=T-v-SC, 74B=C-c-SC, 74C=C-c-LT, 74N=C-v-LT, 74R=C-v-SC.
- With code 11 white seats, 19X had black carpet, 24X had blue carpet, 44X had green carpet, 67X had saffron carpet, and 74X had carmine carpet.
- **Abbreviations:** B=Blue, Bk=Black, C=Carmine, c=cloth, G=Green, LT=Type LT, SC=Sport Coupe, T=Tan, v=vinyl, W=White, Wb=White seats with blue carpet, Wbk=White seats with black carpet, Wc=White seats with carmine carpet, Wg=White seats with green carpet, Ws=White seats with saffron carpet.

ALPHABETICAL OPTION INDEX

(Not for Ordering Purposes)

<u>Option Number</u>	<u>Description</u>	<u>Option Number</u>	<u>Description</u>
AK1	BELTS, DELUXE: Color-Keyed Seat and Shoulder	N65	STOWAWAY SPARE TIRE
AN6	SEAT BACK, ADJUSTABLE DRIVER'S	PE1	WHEEL TRIM: Wheels, Custom Styled
AU3	DOOR LOCK SYSTEM, POWER	P01	WHEEL TRIM: Wheel Covers, Full
A01	GLASS, SOFT-RAY TINTED: All Windows	0BT	TIRES: FR78-14/B White Lettered (Radial)
A31	WINDOWS: Power	QDV	TIRES: FR78-14/B Blackwall (Radial)
B37	FLOOR COVERING: Mats, Color-Keyed Floor Front and Rear	QDW	TIRES: FR78-14/B White Stripe (Radial)
B80	MOLDINGS: Roof Drip	QEG	TIRES: E78-14/B Blackwall (Bias Belted)
B84	MOLDINGS: Body Side	QEH	TIRES: E78-14/B White Stripe (Bias Belted)
B93	MOLDINGS: Door Edge Guard	UA1	BATTERY, HEAVY-DUTY
CC1	ROOF PANELS: Removable Glass	UM1	RADIO EQUIPMENT: Stereo Tape System w/AM Radio
CD4	WINDSHIELD WIPER EQUIPMENT: Intermittent System	UM2	RADIO EQUIPMENT: Stereo Tape System w/AM/FM Stereo Radio
C50	DEFOGGER, REAR WINDOW: Forced Air	U05	HORNS, DUAL
C60	AIR CONDITIONING: Four-Season	U14	INSTRUMENTATION: Special
D35	MIRRORS: Sport, LH Remote and RH Manual	U35	CLOCK: Electric
D55	CONSOLE	U58	RADIO EQUIPMENT: AM/FM Stereo Radio
D80	SPOILER: Rear	U63	RADIO EQUIPMENT: AM Radio
F41	SUSPENSION EQUIPMENT: Suspension, Sport	U69	RADIO EQUIPMENT: AM/FM Radio
G80	AXLE, REAR: Positraction	U76	RADIO EQUIPMENT: Windshield Antenna
G92	AXLE, REAR: Performance Ratio	U80	RADIO EQUIPMENT: Speaker, Rear Seat
J50	BRAKES, POWER	V01	RADIATOR, HEAVY-DUTY
K30	SPEED CONTROL: Cruise-Master	YF5	EMISSION SYSTEMS: California Emission Requirements
LG3	ENGINE: 305 Cu. In. V8	YJ8	WHEEL TRIM: Wheels, Aluminum. Color-Keyed
LM1	ENGINE: 350 Cu. In. V8	ZJ7	WHEEL TRIM: Wheels, Rally
L22	ENGINE: 250 Cu. In. L6	ZJ9	LIGHTING, AUXILIARY
MM3	TRANSMISSION: 3-Speed Manual	ZP2	EXTERIOR/INTERIOR OVERRIDE
MM4	TRANSMISSION: 4-Speed Manual	Z21	STYLE TRIM GROUP
M21	TRANSMISSION: 4-Speed Close-Ratio Manual	Z28	SPORT (Model Option)
MX1	TRANSMISSION: Automatic	Z54	INTERIOR DECOR/QUIET SOUND GROUP
NA2	EMISSION SYSTEMS: Standard Emission Equipment	Z85	RALLY SPORT (Model Option)
NA6	EMISSION SYSTEMS: High Altitude Emission Equipment		
N33	STEERING WHEEL: Comfortilt		

Rec = Recommended; Acc = Acceptable

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 initials the appropriate order form box (ZP2), as verification that the requested combination is definitely desired. **CAUTION:** Please utilize available color samples when ordering, especially when adding a third color element (Vinyl Top, Exterior Color, Interior Trim) in order to avoid undesirable combinations.

Model	Seat Type
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Exterior Paint	Color Only
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L=Lower U=Upper

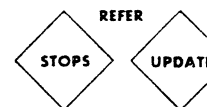
Exterior Paint	Color Code
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L=Lower U=Upper

(Refer to next page for option availability and application)

CAMARO
Page 2

CAMARO TYPE LT



Model

1FS87 Camaro Type LT Coupe
1FS87/Z85 Camaro LT Rally Sport Coupe

— Z85 Rally Sport (N/A Sport Roof Cover)
(Incls D80 Spoiler)

COLOR AND TRIM SELECTION

MUST ORDER ONE: ENGINES

AVAILABLE WITH NA2 STANDARD EMISSION EQUIPMENT

— L22 250 Cu. In. L6
— LG3 305 Cu. In. V8 (Reqs J50 Brakes)
— LM1 350 Cu. In. V8 (Reqs J50 Brakes)

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

— LM1 350 Cu. In. V8 (Reqs MX1 Trans and J50 Brakes)

CALIFORNIA REGISTRATION (REQS YF5)

— L22 250 Cu. In. L6 (Reqs MX1 Trans)
— LG3 305 Cu. In. V8 (Reqs MX1 Trans and J50 Brakes)
— LM1 350 Cu. In. V8 (Reqs MX1 Trans and J50 Brakes)

QUICK-SPEC

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

		✓	✓	✓
		5	5	5
		5	5	5
		0	1	2
		A	B	C
Transmission, Automatic	MX1	X	X	X
Brakes, Power	J50	X	X	X
Console	D55	X	X	X
Glass, Soft-Ray Tinted	A01	X	X	X
Air Conditioning, Four-Season	C60	X	X	X
Radio, AM	U63	X	N/INCL	
Tires, FR78-14/B White Stripe	QDW	X	X	X
Moldings, Body Side	B84	X	X	X
Molding, Roof Drip	B80	X	N/INCL	
Style Trim Group	Z21	X	X	X
Moldings, Door Edge Guard	B93	X	X	X
Defogger, Rear Window	C50	X	X	X
Mats, Color-Keyed Floor	B37	X	X	X
Belts, Deluxe	AK1	X	X	X
Steering Wheel, Comfortilt	N33	X	X	X
Radio, AM/FM	U69	X	N/INCL	
Speaker, Rear Seat	U80	X	N/INCL	
Lighting, Auxiliary	ZJ9	X	X	X
Windows, Power	A31	X	X	X
Radio, AM/FM Stereo	U58	X	X	NOT INCL
Speed Control (w/MX1 Trans only)	K30	X	X	X
Door Lock System, Power	AU3		X	X
Wheels, Custom Styled	PE1		X	X
Suspension, Sport	F41		X	X
Spoiler, Rear (Incl w/Z85)	D80		X	X
W/S Wiper Equip., Intermittent	CD4			X
Stowaway Spare Tire	N65			X
Stereo Tape				
w/AM/FM Stereo Radio	UM2			X
Seat Back, Adjustable	AN6			X

PLEASE REVIEW OPTION RESTRICTIONS BEFORE ORDERING

Q-S	OPTION
550	C60 AIR CONDITIONING: Four-Season (Incls V01 Rad w/L22 Eng)
	AXLES, REAR:
—	G92 --Performance Ratio (See Power Teams Chart) (Reqs LM1 Eng and MX1 Trans) (N/A NA6)
—	G80 --Positraction
—	UA1 BATTERY, HEAVY-DUTY
551	AK1 BELTS, DELUXE: Color-Keyed Seat and Shoulder (N/A Black or White w/Black Interior Trim)
550	J50 BRAKES, POWER
550	D55 CONSOLE
551	C50 DEFOGGER, REAR WINDOW: Forced Air
553	AU3 DOOR LOCK SYSTEM, POWER
	EMISSION SYSTEMS: (MUST ORDER ONLY ONE) (See Power Teams Chart)
—	YF5 --California Emission Requirements
—	NA6 --High Altitude Emission Equipment
—	NA2 --Standard Emission Equipment
551	B37 FLOOR COVERING: Mats, Color-Keyed Floor. Front and Rear
550	A01 GLASS, SOFT RAY TINTED: All Windows
552	ZJ9 LIGHTING, AUXILIARY
	MOLDINGS:
550	B84 --Body Side
551	B93 --Door Edge Guard
550	B80 --Roof Drip (Incl w/Sport Roof Cover or Z21 Style Trim)
—	V01 RADIATOR, HEAVY-DUTY: (Incl w/C60 Air w/L22 Eng)
	RADIO EQUIPMENT:
550	U63 --AM Radio
551	U69 --AM/FM Radio
552	U58 --AM/FM Stereo Radio
—	UM1 --Stereo Tape System w/AM Radio
554	UM2 --Stereo Tape System w/AM/FM Stereo Radio
551	U80 --Speaker, Rear Seat (Reqs U63 or U69 Radio)
—	U76 --Windshield Antenna (Incl w/above Radio Equip)
—	... ROOF COVER, SPORT: (See Color and Trim Chart)
—	CC1 ROOF PANELS: Removable Glass (Reqs N65 Stowaway Spare) (N/A Sport Roof Cover)
554	AN6 SEAT BACK, ADJUSTABLE DRIVER'S
✓ 552	K30 SPEED CONTROL: Cruise-Master (Reqs MX1 Trans and J50 Brakes) (N/A YF5 Calif w/L22 Eng)
✓ 553	D80 SPOILER: Rear (Std w/Z85 Rally Sport)
551	N33 STEERING WHEEL: Comfortilt
554	N65 STOWAWAY SPARE TIRE (Incl w/YJ8 Wheels)
551	Z21 STYLE TRIM GROUP: (Incls B80 Mldgs)
553	F41 SUSPENSION EQUIPMENT: Suspension, Sport
	TIRES: (B/W: Blackwall, W/S: White Stripe, W/L: White Lettered)
	--Steel Belted Radial Ply (14/B)
QDV	---FR78 B/W (Base)
550	QDW ---FR78 W/S
—	QBT ---FR78 W/L
	TRANSMISSIONS: (See Power Teams Chart)
—	MM3 --3-Speed Manual (Reqs L22 Eng)
550	MM4 --4-Speed Manual (N/A L22 Eng)
—	MX1 --Automatic
	WHEEL TRIM:
553	PE1 --Wheels, Custom Styled
—	YJ8 --Wheels, Aluminum. Color-Keyed (Incls N65 Spare) (Refer Page 8 For Wheel Color Application)
552	A31 WINDOWS: Power (Reqs D55 Console)
554	CD4 WINDSHIELD WIPER EQUIPMENT: Intermittent System

SPORT ROOF SELECTION

Vinyl Roof	Code	Exterior Color Availability
Black	BF	Rec: 11, 15, 19, 24, 51 or 67 Acc: 22, 49, 53, 75 or 77
Blue, Light (Met)	DD	Rec: 11 or 22 Acc: 19 or 24
Camel, Light	CC	Rec: 53 or 59 Acc: 11, 12, 48 or 57
Carmine, Dark (Met)	RR	Rec: 77 Acc: 77
Green, Light (Met)	3G	Rec: 11 or 4d Acc: 19
Silver	3Q	Rec: 15 or 19 Acc: 75 or 77
White	AW	Rec: All except 15, 52 or 75 Acc: 15, 69 or 75

Rec = Recommended; Acc = Acceptable

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 initials the appropriate order form box (ZP2), as verification that the requested combination is definitely desired. **CAUTION:** Please utilize available color samples when ordering, especially when adding a third color element (Viny! Top, Exterior Color, Interior Trim) in order to avoid undesirable combinations.

WITHOUT Z85 RALLY SPORT EQUIPMENT

Seat, Headliner and Door Trim Color	Black	Blue	Camel	Carmine	Green	White	White	White	White	White
Instrument Panel Pad and Carpet Color	Black	Blue	Camel	Carmine	Green	Black	Blue	Carmine	Green	Sat-fon

Model	Seat Type
-------	-----------

1F087	Vinyl Bucket	VBB2	VCC2	VRR2	VSS2	VWB2	VWD2	VWR2	VWG2	VWS2
	Sport Cloth Bucket	JBB2	JCC2	JRR2						

Exterior Paint Color	Color Code											
	L	U	R	A	R	R	A	R	R	R	R	R
Black	19	19	R	A	R	R	A	R		R		R
Blue, Bright (Met)	24	24	R	A				R	R			
Blue-Green, Dark (Met)	48	48	A		R		R	A				R
Blue, Light (Met)	22	22	A	R				A	R			
Camel (Met)	63	63	A		R			A				
Camel, Dark (Met)	69	69	A					A				
Carmine (Met)	77	77	A	A	R			A		R		
Red, Light	75	75	A		R	A		A				
Saffron (Met)	67	67	R		A			R				R
Silver	15	15	R	A		R		R				
White	11	11	R	R	R	R	R	R	R	R	R	R
Yellow, Bright	51	51	R	A				R				

L=Lower U=Upper

WITH Z85 RALLY SPORT EQUIPMENT (NO SUBSTITUTES ALLOWED)

Exterior Paint Color	Color Code											
	L	U										
Blue, Light (Met)	22	19	A	R					A	R		
Camel (Met)	63	19	A		R							
Red, Light	75	19	RR				A					
Silver	15	19					R					
White	11	19	RR	R			R		R	R	R	R
Yellow, Bright	51	19	RR		A							

L=Lower U=Upper

POWER TEAMS

(Refer to next page for option availability and application)

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

Model

1F087	Camaro Sport Coupe
1F087/Z85	Camaro Rally Sport Coupe

— Z85 Rally Sport (Rens Radial Tires) (N/A Sport
Roof or P01 Wheel Covers) (Incls D35 Mir,
ZJ7 Wheels and D80 Spoiler) (Refer Page 4
For Exterior Paint Availability)

← COLOR AND TRIM SELECTION

MUST ORDER ONE: ENGINES

AVAILABLE WITH NA2 STANDARD EMISSION EQUIPMENT

ITEM NO.	QTY	UNIT	DESCRIPTION
L22	250	Cu. In.	L6
LG3	305	Cu. In.	V8 (Reqs J50 Brakes)
LM1	350	Cu. In.	V8 (Reqs J50 Brakes)

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

— L41 350 Cu. In. V8 (Rens "V1 Trans and J50 Brakes)

CALIFORNIA REGISTRATION (PEOS YE5)

ALTERNATE	REPLACEMENT	REMARKS
— L22	250 Cu. In. L6 (Reqs MX1 Trans)	
— LG3	305 Cu. In. V8 (Reqs MX1 Trans and J50 Brakes)	
— LM1	350 Cu. In. V8 (Reqs MX1 Trans and J50 Brakes)	

QUICK-SPEC

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

Transmission, Automatic	MX1	X	X	X	X	X
Brakes, Power	J50	X	X	X	X	X
Console	D55	X	X	X	X	X
Glass, Soft-Ray Tinted	A01	X	X	X	X	X
Mirrors, Sport	D35	X	X	X	X	X
Radio, AM	U63	X	X	N/INCL		
Tires, FR78-14/B White Stripe	QDW	X	X	X	X	X
Molding, Roof Drop	B80	X	N/INCL			
Wheels, Rally	ZJ7	X	X	X	X	X

Air Conditioning, Four-Season	C60	X	X	X	X
Moldings, Body Side	B84	X	X	X	X
Style Trim Group	Z21	X	X	X	X
Clock, Electric	U35	X	X	X	NOT INCL
Fogger, Rear Window	C50	X	X	X	X
Mats, Color-Keyed Floor	B37	X	X	X	X
Belts, Deluxe	AK1	X	X	X	X

Lighting, Auxilliary	ZJ9	X X X
Moldings, Door Edge Guard	B93	X X X
Speaker, Rear Seat	U80	X/N/INCL
Interior Decor/Quiet Sound Group	Z54	X X X
Radio, AM/FM	U69	X/N/INCL
Steering Wheel, Comfortlit	N33	X X X

Windows, Power	A31	X	X
Horns, Dual	U05	X	X
Radio, AM/FM Stereo	U58	X	NOT INCL
Door Lock System, Power	AU3	X	X
Speed Control (w/MX1 Trans only)	K30	X	X

Suspension, Sport	F41	X
W/S Wiper Equip., Intermittent	CD4	X
Stereo Tape		
w/AM/FM Stereo Radio	UM2	X
Spoiler, Rear (Incl w/Z85)	D80	X
Instrumentation, Special	U14	X
Wheels, Custom Styled	PE1	X

PLEASE REVIEW OPTION RESTRICTIONS BEFORE ORDERING

PLEASE REFER TO THE RESTRICTIONS BEFORE ORDERING	
Q-S	OPTION
566	C60 <u>AIR CONDITIONING:</u> Four-Season (Incls V01 Rad w/L22 Eng)
	<u>AXLES, REAR:</u>
992	--Performance Ratio (See Power Teams Chart) (Reqs LM1 Eng and MX1 Trans) (N/A NA6)

PLEASE REVIEW OPTION RESTRICTIONS BEFORE ORDERING

Q.S.	OPTION
	G80 --Positraction
	UA1 <u>BATTERY, HEAVY-DUTY</u>
566	AK1 <u>BELTS, DELUXE:</u> Color-Keyed Seat and Shoulder (N/A Black or White w/Black In- terior Trim)
565	J50 <u>BRAKES, POWER</u>
566	U35 <u>CLOCK:</u> Electric (Incl w/U14 Inst)
565	D55 <u>CONSOLE</u>
566	C50 <u>DEFOGGER, REAR WINDOW:</u> Forced Air
568	AU3 <u>DOOR LOCK SYSTEM, POWER</u> <u>EMISSION SYSTEMS:</u> (MUST ORDER ONLY ONE) (See Power Teams Chart)
	YF5 --California Emission Requirements
	NA6 --High Altitude Emission Equipment
	NA2 --Standard Emission Equipment
566	B37 <u>FLOOR COVERING:</u> Mats, Color-Keyed Floor. Front and Rear
565	A01 <u>GLASS, SOFT-RAY TINTED:</u> All Windows
568	U05 <u>HORNS, DUAL</u>
569	U14 <u>INSTRUMENTATION:</u> Special (Incls U35 Clock)
567	Z54 <u>INTERIOR DECOR/QUIET SOUND GROUP</u>
567	ZJ9 <u>LIGHTING, AUXILIARY</u>
565	D35 <u>MIRRORS:</u> Sport, LH Remote and RH Manual (Incl w/Z85 Rally Sport)
	<u>MOLDINGS:</u>
566	B84 --Body Side
567	B93 --Door Edge Guard
565	B80 --Roof Drip (Incl w/Sport Roof Cover or Z21 Style Trim)
	V01 <u>RADIATOR, HEAVY-DUTY:</u> (Incl w/C60 Air w/L22 Eng)
	<u>RADIO EQUIPMENT:</u>
565	U63 --AM Radio
567	U69 --AM/FM Radio
568	U58 --AM/FM Stereo Radio
	UM1 --Stereo Tape System w/AM Radio
569	UM2 --Stereo Tape System w/AM/FM Stereo Radio
567	U80 --Speaker, Rear Seat (Reqs U63 or U69 Radio)
	U76 --Windshield Antenna (Incl w/above Radio Equip)
	... <u>ROOF COVER, SPORT:</u> (See Color and Trim Chart)
	CC1 <u>ROOF PANELS:</u> Removable Glass (Reqs N65 Stowaway Spare) (N/A Sport Roof Cover)
	AN6 <u>SEAT BACK, ADJUSTABLE DRIVER'S</u>
568	K30 <u>SPEED CONTROL:</u> Cruise-Master (Reqs MX1 Trans and J50 Brakes) (N/A YF5 Calif w/L22 Eng)
569	D80 <u>SPOILER:</u> Rear (Std w/Z85 Rally Sport)
567	N33 <u>STEERING WHEEL:</u> Comfortilt
	N65 <u>STOWAWAY SPARE TIRE</u>
566	Z21 <u>STYLE TRIM GROUP:</u> (Incls B80 Mldgs)
569	F41 <u>SUSPENSION EQUIPMENT:</u> Suspension, Sport (Reqs Radial Tires) <u>TIRES:</u> (B/W: Blackwall, W/S: White Stripe, W/L: White Lettered) --Bias Belted Ply (14/B)
	QEG ---E78 B/W
	QEH ---E78 W/S
	---Steel Belted Radial Ply (14/B)
	QDV ---FR78 B/W (Base)
565	QDW ---FR78 W/S
	QBT ---FR78 W/L
	<u>TRANSMISSIONS:</u> (See Power Teams Chart)
	MM3 --3-Speed Manual (Reqs L22 Eng)
	MM4 --4-Speed Manual (N/A L22 Eng)
565	MX1 --Automatic <u>WHEEL TRIM:</u>
	P01 --Wheel Covers, Full (N/A Z85 Rally Sport)
569	PE1 --Wheels, Custom Styled (Reqs Radial Tires)
	YJ8 --Wheels, Aluminum, Color-Keyed (Incls N65 Spare) (Refer Page 8 For Wheel Color Application)
565	ZJ7 --Wheels, Rally (V8 Eng Reqs Radial Tires) (Incl w/Z85 Rally Sport)
568	A31 <u>WINDOWS:</u> Power (Reqs D55 Console)
569	CD4 <u>WINDSHIELD WIPER EQUIPMENT:</u> Intermittent System

CAMARO Z28 SPORT COUPE

COLOR AND TRIM SELECTION

The Exterior and Interior Color Combinations shown below are the only combinations that are available.
(ZP2 override not permitted)

Seat, Headliner and Door Trim Color	Black	Blue	Camel	Car- mine	Green	White	White	White	White
Instrument Panel Pad and Carpet Color	Black	Blue	Camel	Car- mine	Green	Black	Blue	Car- mine	Green

Model Seat Type

1F087/Z28	Vinyl Bucket	V882		VCC2	VRR2	VGG2	VWB2	VWD2	VWR2	VWG2
	Custom Vinyl Bucket	XB52		XCC2	XRR2	XGG2	XWB2	XWD2	XWR2	XWG2
	Sport Cloth Bucket	J882	JDD2	JCC2	JRR2					
	Custom Cloth Bucket	F882								
	Custom Sport Cloth Bucket		SDD2	SCC2	SRR2					

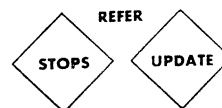
Exterior Paint Color	Color Code										Z28 Color Scheme Identification
Black	19	19									Gold
Black	19	19				R					Red
Black	19	19					A				Green
Blue, Bright (Met)	24	24		A				R	R		Blue
Blue-Green, Dark (Met)	42	42	A		R						Gold
Blue-Green, Dark (Met)	43	43					D			R	Green
Camel (Met)	63	63	A		R			A			Gold
Camel, Dark (Met)	69	69	A		R			A			Gold
Carmine (Met)	77	77			A			A			Gold
Carmine (Met)	77	77	A			R				R	Red
Red, Light	75	75	A			A					Red
Silver	15	15	R			R		R			Red
White	11	11	D								Gold
White	11	11				R		R			Red
White	11	11					D			R	Green
White	11	11		R					R		Blue
Yellow, Bright	51	51	R		A						Yellow
Yellow-Orange	34	34	R		R			R			Yellow

POWER TEAMS

(Refer to next page for option availability and application)

ENGINE OPTION CONDITION		AXLE	RATIO
		3.42	3.73
WITHOUT YF5 CALIFORNIA OR NA6 HIGH ALTITUDE EMISSION			
LM1	M21 MX1	- Std	Std -
WITH YF5 CALIFORNIA			
LM1	MX1	Std	-
WITH NA6 HIGH ALTITUDE EMISSION			
LM1	MX1	Std	-

CAMARO Z28 SPORT COUPE



Model

1FQ87/Z28 Camaro Z28 Sport Coupe

— Z28 Sport (Reqs. V01 Rad) (Incls Sport Susp, Sport Mir, Rear Spoiler, Instrumentation, Stowaway Spare, Power Brakes and GR70-15/B White Lettered Tires) (Also includes LM1 Eng which must be specified)

← COLOR AND TRIM SELECTION

MUST ORDER ONE: _____ ENGINES

AVAILABLE WITH NA2 STANDARD EMISSION EQUIPMENT
— LM1 350 Cu. In. V8

AVAILABLE WITH NA6 HIGH ALTITUDE EMISSION EQUIPMENT
(Recommended Above 4000 Foot Altitude)
— LM1 350 Cu. In. V8 (Reqs MX1 Trans)

CALIFORNIA REGISTRATION (REQS YF5)
— LM1 350 Cu. In. V8 (Reqs MX1 Trans)

QUICK-SPEC

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

Sport	Z28	X	X	X	X
Transmission, Automatic	MX1	X	X	X	X
Console	D55	X	X	X	X
Glass, Soft-Ray Tinted	A01	X	X	X	X
Air Conditioning, Four-Season	C60	X	X	X	X
Radio, AM	U63	X	N/INCL		
Molding, Roof Drip	B80	X	N/INCL		
Mats, Color-Keyed Floor	B37	X	X	X	X
Interior Decor/Quiet Sound	Z54	X	X	X	
Moldings, Door Edge Guard	B93	X	X	X	
Style Trim Group	Z21	X	X	X	
Defogger, Rear Window	C50	X	X	X	
Belts, Deluxe	AK1	X	X	X	
Steering Wheel, Comfortilt	N33	X	X	X	
Radio, AM/FM	U69	X	N/INCL		
Speaker, Rear Seat	U80	X	N/INCL		
Lighting, Auxillary	ZJ9	X	X		
Windows, Power	A31	X	X		
Horns, Dual	U05	X	X		
Radio, AM/FM Stereo	U58	X	NOT INCL		
Speed Control (W/MX1 Trans only)	K30	X	X		
Door Lock System, Power	AU3		X		
W/S Wiper Equip., Intermittent	CD4		X		
Stereo Tape					
w/AM/FM Stereo Radio	UM2		X		
Wheels, Aluminum	YJ8		X		

PLEASE REVIEW OPTION RESTRICTIONS BEFORE ORDERING

Q-S	OPTION
560	C60 AIR CONDITIONING: Four-Season
—	G80 AXLE, REAR: Positraction
—	UA1 BATTERY, HEAVY-DUTY
✓ 561	AK1 BELTS, DELUXE: Color-Keyed Seat and Shoulder (N/A Black or White w/Black Interior Trim)
560	D55 CONSOLE
561	C50 DEFOGGER, REAR WINDOW: Forced Air
563	AU3 DOOR LOCK SYSTEM, POWER
—	EMISSION SYSTEMS: (MUST ORDER ONLY ONE) (See Power Teams Chart)
—	YF5 --California Emission Requirements
—	NA6 --High Altitude Emission Equipment
—	NA2 --Standard Emission Equipment
✓ 560	B37 FLOOR COVERING: Mats, Color-Keyed Floor. Front and Rear
560	A01 GLASS, SOFT-RAY TINTED: All Windows
✓ 562	U05 HORNS, DUAL
561	Z54 INTERIOR DECOR/QUIET SOUND GROUP (Incl w/Custom Trim)
✓ 562	ZJ9 LIGHTING, AUXILIARY
—	MOLDINGS:
561	B93 --Door Edge Guard
560	B80 --Roof Drip (Incl w/Z21 Style Trim)
—	V01 RADIATOR, HEAVY-DUTY
—	RADIO EQUIPMENT:
560	U63 --AM Radio
✓ 561	U69 --AM/FM Radio
✓ 562	U58 --AM/FM Stereo Radio
—	UM1 --Stereo Tape System w/AM Radio
✓ 563	UM2 --Stereo Tape System w/AM/FM Stereo Radio
✓ 561	U80 --Speaker, Rear Seat (Reqs U63 or U69 Radio)
—	U76 --Windshield Antenna (Incl w/above Radio Equip)
—	CC1 ROOF PANELS: Removable Glass
—	AN6 SEAT BACK, ADJUSTABLE DRIVER'S
✓ 562	K30 SPEED CONTROL: Cruise-Master (Reqs MX1 Trans)
✓ 561	N33 STEERING WHEEL: Comfortilt
561	Z21 STYLE TRIM GROUP: (Incls B80 Mldgs)
—	TRANSMISSIONS: (See Power Teams Chart)
—	M21 --4-Speed Close-Ratio Manual
560	MX1 --Automatic (Reqs D55 Console)
✓ 563	YJ8 WHEEL TRIM: Wheels, Aluminum. Color-Keyed (Refer Page 8 For Wheel Color Application)
✓ 562	A31 WINDOWS: Power (Reqs D55 Console)
✓ 563	CD4 WINDSHIELD WIPER EQUIPMENT: Intermittent System

YJ8—ALUMINUM WHEEL COLOR APPLICATIONS

WITHOUT Z28

Exterior Paint Color and Code		Wheel Color
Black	19	Silver
Blue, Bright (Met)	24	Silver
Blue-Green, Dark (Met)	43	Silver
Blue, Light (Met)	22	Silver
Camel (Met)	63	Gold
Camel, Dark (Met)	69	Gold
Carmine (Met)	77	Gold
Red, Light	75	Red
Saffron (Met)	67	Gold
Silver	15	Silver
White	11	White
Yellow, Bright	51	Yellow

WITH Z28

Exterior Paint and Color Code	Interior Trim								
	Black	Blue	Camel	Car-mine	Green	White/Black	White/Blue	White/Car-mine	White/Green
Black	19	Gold		Gold	Gold	Silver		Gold	
Blue, Bright (Met)	24	Silver	Silver				Silver	Silver	
Blue-green, Dark (Met)	43	Gold		Gold		Silver			Silver
Camel (Met)	63	Gold		Gold					
Camel, Dark (Met)	69	Gold		Gold					
Carmine (Met)	77	Gold		Gold	Gold			Gold	
Red	75	Gold		Gold	Gold				
Silver	15	Silver			Silver				
White	11	Gold	Silver	Gold	Gold	Silver		Silver	Gold
Yellow, Bright	51	Gold		Gold					Silver
Yellow-Orange	34	Yellow-Orange		Yellow-Orange		Yellow-Orange			

CAMARO

1978 VEHICLES WITH STANDARD EQUIPMENT

Prices shown are effective with vehicles produced on or after May 1, 1978

Description	Model Number	Wheel-base	Dealer Invoice Amount*	Dealer Price	Factory D&H‡	List Price	Mfr's Suggested Retail Price★	Destination Charge & Group Number	Total
♦ 6-Cylinder Engine									
Sport Coupe	1FQ87	108"	3867.15	3778.25	13.25	4445.00	4458.25	6.....	
Rally Sport Coupe	1FQ87 /Z85	108"	4196.01	4099.55	13.25	4823.00	4836.25	6.....	
Type LT Coupe	1FS87	108"	4223.85	4126.75	13.25	4855.00	4868.25	6.....	
LT Rally Sport Coupe	1FS87 /Z85	108"	4442.22	4340.10	13.25	5106.00	5119.25	6.....	
♦ 8-Cylinder Engine									
Z28 Sport Coupe	1FQ87 /Z28	108"	4959.00	4845.00	13.85	5700.00	5713.85	6.....	

★ Manufacturer's Suggested Retail Prices do not include applicable destination charges, state and local taxes, license fees, options or accessories.
♦ Refer to Dealer Order Guide for California Requirements.

OPTIONS AND ACCESSORIES WHEN INSTALLED BY CHEVROLET

Prices shown are effective with vehicles produced on or after May 1, 1978

Description	Option Number	Dealer Invoice Amount*	Dealer Price	Factory D&H‡	List Price	Mfr's Suggested Retail Price◇
REFER TO DEALER ORDER GUIDE FOR OPTION AVAILABILITY AND APPLICATION						
Interior Trim:						
V**2 Vinyl Bucket Seats	...	16.38	15.96	NO ADDITIONAL CHARGE	21.00	21.00
J**2 Sport Cloth Bucket Seats	...			N.A.		
<i>Custom Interior.</i> Includes glove compartment light and additional instrument cluster lighting, simulated leather applique on instrument cluster, special insulation, LT type seats, seat trim and door trim.						
X**2 Custom Vinyl Bucket						
Type LT Coupe	...	229.32	223.44	NO ADDITIONAL CHARGE	294.00	294.00
Z28 Sport Coupe	...			N.A.		
F**2 Custom Cloth Bucket						
Type LT Coupe	...	16.38	15.96	NO ADDITIONAL CHARGE	21.00	21.00
Z28 Sport Coupe	...	245.70	239.40	N.A.	315.00	315.00
S**2 Custom Sport Cloth Bucket						
Type LT Coupe	...	16.38	15.96	NO ADDITIONAL CHARGE	21.00	21.00
Z28 Sport Coupe	...	245.70	239.40	N.A.	315.00	315.00
Exterior Color:						
Paint, Solid	...	79.56	77.52	NO ADDITIONAL CHARGE	102.00	102.00
Roof Cover, Sport Vinyl	...			N.A.		
Engines: (Refer to Dealer Order Guide for Emission System Requirements)						
250 Cu. In. L6	L22			NO ADDITIONAL CHARGE		
305 Cu. In. V8	LG3	156.00	152.00	N.A.	200.00	200.00
350 Cu. In. V8						
Z28 Sport Coupe	LM1			NO ADDITIONAL CHARGE		
Sport Coupe or Type LT Coupe	LM1	245.70	239.40	N.A.	315.00	315.00
Air Conditioning: Four-Season. Includes 61-amp generator.						
Without V8 engine. Also includes V01 radiator	C60	428.22	417.24	N.A.	549.00	549.00
With V8 engine	C60	404.04	393.68	N.A.	518.00	518.00
Axles, Rear:						
Performance Ratio	G92	11.70	11.40	N.A.	15.00	15.00
Positraction	G80	46.02	44.84	N.A.	59.00	59.00
Battery, Heavy-Duty	UA1	14.04	13.68	N.A.	18.00	18.00
Belts, Deluxe: Color-Keyed Seat and Shoulder. Includes plastic buckles. (Standard belts and plastic buckles are black). Replacing standard number of belts.						
4 seat and 2 front shoulder	AK1	17.16	16.72	N.A.	22.00	22.00
Brakes, Power: Standard on Z28 Sport Coupe	J50	55.38	53.96	N.A.	71.00	71.00
Clock: Electric. Standard on Type LT Coupe and Z28 Sport Coupe. Included with U14 instrumentation	U35	16.38	15.96	N.A.	21.00	21.00
Console: Includes floor-mounted shift lever with automatic transmission.	D55	62.40	60.80	N.A.	80.00	80.00

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

CAMARO

OPTIONS AND ACCESSORIES WHEN INSTALLED BY CHEVROLET

Prices shown are effective with vehicles produced on or after May 1, 1978

Description	Option Number	Dealer Invoice Amount*	Dealer Price	Factory D&H [§]	List Price	Mfr's Suggested Retail Price◇
REFER TO DEALER ORDER GUIDE FOR OPTION AVAILABILITY AND APPLICATION						
Defogger, Rear Window: <i>Forced-Air</i>	C50	41.34	40.28	N.A.	53.00	53.00
Door Lock System, Power: <i>Electric</i>	AU3	64.74	63.08	N.A.	83.00	83.00
Emission Systems:						
<i>California Emission Requirements.</i> Includes all testing, equipment and /or certification necessary for registration in the State of California						
	YF5	58.50	57.00	N.A.	75.00	75.00
<i>High Altitude Emission Equipment</i>	NA6	25.74	25.08	N.A.	33.00	33.00
<i>Standard Emission Equipment</i>	NA2			NO ADDITIONAL CHARGE		
Floor Covering: <i>Mats, Color-Keyed Floor.</i> 2 Front and 2 Rear	B37	17.16	16.72	N.A.	22.00	22.00
Glass, Soft-Ray Tinted: <i>All Windows.</i>	A01	46.02	44.84	N.A.	59.00	59.00
Horns, Dual: Standard on Type LT Coupe	U05	5.46	5.32	N.A.	7.00	7.00
Instrumentation: <i>Special.</i> Standard on Type LT Coupe or Z28 Sport Coupe. Includes tachometer, voltmeter and temperature gages and U35 clock	U14	83.46	81.32	N.A.	107.00	107.00
Interior Decor /Quiet Sound Group: Standard on Type LT Coupe. Includes glove compartment light and additional instrument cluster lighting plus special engine compartment, hood and interior insulation	Z54	47.58	46.36	N.A.	61.00	61.00
Lighting, Auxiliary: Includes headlight warning buzzer, ashtray, instrument panel courtesy, luggage compartment and underhood lights.						
Sport Coupe without Z54 Interior Decor /Quiet Sound Group. Also includes glove compartment light	ZJ9	26.52	25.84	N.A.	34.00	34.00
Sport Coupe with Z54 Interior Decor /Quiet Sound Group or Type LT Coupe	ZJ9	21.84	21.28	N.A.	28.00	28.00
Mirrors: <i>Sport, LH Remote and RH Manual.</i> Standard on Type LT Coupe or Z28 Sport Coupe. Included with Z85 Rally Sport Equipment	D35	27.30	26.60	N.A.	35.00	35.00
Moldings:						
<i>Body Side.</i> Includes black vinyl insert	B84	32.76	31.92	N.A.	42.00	42.00
<i>Door Edge Guard.</i>	B93	10.14	9.88	N.A.	13.00	13.00
<i>Roof Drip.</i> Included with vinyl roof or Z21 Style Trim	B80	17.94	17.48	N.A.	23.00	23.00
Radiator, Heavy-Duty: Included with C60 air conditioning with L22 250 Cu. In. engine standard on Z28	V01	24.18	23.56	N.A.	31.00	31.00
Radio Equipment:						
<i>AM Radio.</i>	U63	61.62	60.04	N.A.	79.00	79.00
<i>AM /FM Radio.</i>	U69	116.22	113.24	N.A.	149.00	149.00
<i>AM /FM Stereo Radio.</i>	U58	178.62	174.04	N.A.	229.00	229.00
<i>Stereo Tape System with AM Radio.</i>	UM1	178.62	174.04	N.A.	229.00	229.00
<i>Stereo Tape System with AM /FM Stereo Radio.</i>	UM2	255.84	249.28	N.A.	328.00	328.00
<i>Speaker, Rear Seat.</i>	U80	18.72	18.24	N.A.	24.00	24.00
<i>Windshield Antenna.</i> Included with radio	U76	19.50	19.00	N.A.	25.00	25.00
Roof Panels: <i>Removable Glass.</i>	CC1	487.50	475.00	N.A.	625.00	625.00
Seat Back, Adjustable Driver's: 2 positions	AN6	16.38	15.96	N.A.	21.00	21.00
Speed Control: <i>Cruise-Master.</i>	K30	74.10	72.20	N.A.	95.00	95.00
Spoiler: <i>Rear.</i> Standard on Z28 Sport Coupe and Z85 Rally Sport Coupe.	D80	42.90	41.80	N.A.	55.00	55.00
Steering Wheel: <i>Comfortilt.</i>	N33	56.16	54.72	N.A.	72.00	72.00
Stowaway Spare: Standard on Z28 Sport Coupe	N65			NO ADDITIONAL CHARGE		
Style Trim: Includes bright roof drip, lock pillar, upper fender, hood panel and belt moldings plus colored insert door handles and bright accented parking lights	Z21	54.60	53.20	N.A.	70.00	70.00
Suspension: <i>Sport.</i> Standard on Z28 Sport Coupe. Includes larger diameter front stabilizer bar, added rear stabilizer bar and special front and rear shock absorbers	F41	29.64	28.88	N.A.	38.00	38.00

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

CAMARO

OPTIONS AND ACCESSORIES WHEN INSTALLED BY CHEVROLET

Prices shown are effective with vehicles produced on or after May 1, 1978

Description	Option Number	Dealer Invoice Amount*	Dealer Price	Factory D&H‡	List Price	Mfr's Suggested Retail Price◇
REFER TO DEALER ORDER GUIDE FOR OPTION AVAILABILITY AND APPLICATION						
Tires:						
E78-14 /B Bias Belted Ply Blackwall.						
Without N65 stowaway spare	QEG	(-86.58)	(-84.36)	(-1.95)	(-111.00)	(-112.95)
With N65 stowaway spare	QEG	(-68.64)	(-66.88)	(-1.56)	(-88.00)	(-89.56)
E78-14 /B Bias Belted Ply White Stripe.						
Without N65 stowaway spare	QEH	(-52.26)	(-50.92)	(-1.95)	(-67.00)	(-68.95)
With N65 stowaway spare	QEH	(-41.34)	(-40.28)	(-1.56)	(-53.00)	(-54.56)
FR78-14 /B Steel Belted Radial Ply Blackwall (Standard) . .	QDV			NO ADDITIONAL CHARGE		
FR78-14 /B Steel Belted Radial Ply White Stripe						
Without N65 stowaway spare	QDW	35.88	34.96	N.C.	46.00	46.00
With N65 stowaway spare	QDW	28.86	28.12	N.C.	37.00	37.00
FR78-14 /B Steel Belted Radial Ply White Lettered						
Without N65 stowaway spare	QBT	47.58	46.36	N.C.	61.00	61.00
With N65 stowaway spare	QBT	38.22	37.24	N.C.	49.00	49.00
Transmissions:						
3-Speed Manual	MM3			NO ADDITIONAL CHARGE		
4-Speed Manual	MM4	97.50	95.00	N.A.	125.00	125.00
4-Speed Close-Ratio Manual	M21			NO ADDITIONAL CHARGE		
Automatic						
Z28 Sport Coupe	MX1	43.68	42.56	N.A.	56.00	56.00
Sport Coupe or Type LT Coupe	MX1	248.04	241.68	N.A.	318.00	318.00
Wheel Trim:						
Wheel Covers, Full	P01	30.42	29.64	N.A.	39.00	39.00
Wheels, Aluminum. Color-Keyed						
Sport Coupe	YJ8	210.60	205.20	N.A.	270.00	270.00
Z28 Sport Coupe	YJ8	153.66	149.72	N.A.	197.00	197.00
Rally Sport Coupe or Type LT Coupe	YJ8	141.96	138.32	N.A.	182.00	182.00
Wheels, Rally. Standard on Type LT Coupe. Included with Z85						
Rally Sport. Includes styled wheels, special hub caps and trim rings	ZJ7	68.64	66.88	N.A.	88.00	88.00
Wheels, Custom Styled. 14" x 7".						
Sport Coupe	PE1	107.64	104.88	N.A.	138.00	138.00
Type LT Coupe or Rally Sport Coupe	PE1	74.10	72.20	N.A.	95.00	95.00
Windows, Power: Electric						
	A31	99.84	97.28	N.A.	128.00	128.00
Windshield Wiper Equipment: Intermittent						
	CD4	27.30	26.60	N.A.	35.00	35.00

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

NOTES

1978



Specifications Form

Passenger Car

Manufacturer CHEVROLET MOTOR DIVISION GENERAL MOTORS CORPORATION	Car Line CAMARO	
Mailing Address CHEVROLET ENGINEERING CENTER 30003 VAN DYKE RD. WARREN, MICHIGAN 48090	Model Year 1978	Issued: October, 1977
		Revised (•) February, 1978

Pages revised: 3,7,11,16,18,19,27,29, 10.

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

MVMA Specifications Form

Passenger Car

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NOTES:

1. The General Specifications herein are those in effect at date of compilation and are subject to change without notice by the manufacturer.
2. UNLESS OTHERWISE INDICATED:
 - a. Specifications apply to standard models without optional equipment. Significant deviations are noted.
 - b. Nominal design dimensions are used throughout these specifications.
 - c. All dimensions are in inches.

MVMA Specifications Form

Passenger Car

Car Line **CAMARO**
 Model Year **1978** Issued **10-77** Revised (●) _____

Car Models

Model Description (Include Line Drawings of Vehicles, if Desired)	Make, Car line, Series, Body Type (Mfr's Model Code)	No. of Designated Seating Positions (Front/Rear)		Max. Trunk/Cargo Load (Pounds)
	MODEL NUMBER	FRONT	REAR	
STANDARD 2-Door Sport Coupe	1FQ87	2	2	
TYPE LT 2-Door Sport Coupe	1FS87	2	2	
NOTE: Any specifications on the following pages that are specific to California requirements are indicated accordingly.				

MVMA Specifications Form

Passenger Car

Car Line **CAMARO**
 Model Year **1978** Issued **10-77** Revised (●)

Car and Body Dimensions See Key Sheets, for definitions.

All dimensions to ground are for comparative purposes only. Dimensions are to be shown for all base body models of each car line.

SAE Ref. No. refers to the definition published in SAE Recommended Practice.

J1100a "Motor Vehicle Dimensions," unless otherwise specified.

Body Type

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

Tread - Front	W101	61.3	61.6
Tread - Rear	W102	60.0	60.3
Vehicle width	W103	74.5	
Body width at Sq. RP - front	W117	- - -	
Vehicle width - front doors open	W120	140.5	
Vehicle width - rear doors open	W121	- - -	

Length

Wheelbase	L101	108.0
Vehicle length	L103	197.6
Overhang - front	L104	43.8
Overhang - rear	L105	45.8
Upper structure length	L123	94.2
Rear wheel C/L "X" coordinate	L127	86.7
Cowl point "X" coordinate	L125	9.4

Height*

Passenger Distribution (front/rear)	PD1,2,3	2-2
Trunk/Cargo load (lbs.)		0
Vehicle height	H101	49.2
Cowl point to ground	H114	35.3
Deck point to ground	H138	
Rocker panel - front	H112	6.8
From front wheel C/L		
Bottom of door closed front to grd.	H133	11.4
Rocker panel - rear	H111	5.8
From rear wheel C/L		
Bottom of door closed-rear to grd.	H135	- -
Windshield slope angle	H122	57.4

Ground Clearance*

Front bumper to ground	H102	13.8
Rear bumper to ground	H104	11.0
Bumper to grd. - front @ curb wt	H103	14.5
Bumper to grd. - rear @ curb wt	H109	13.7
Angle of approach	H106	25° 15'
Angle of departure	H107	12° 18'
Ramp breakover angle	H147	11° 16'
Rear axle differential to ground	H153	6.3
Min. running ground clearance	H156	4.9
Location of min. run. grd. clear.		Catalytic Converter

*All vehicle height and ground clearances are made at the manufacturer's Design Load Weight, unless otherwise specified.

Manufacturer's Design Load Weight is defined with indicated passenger distribution and trunk/cargo load.

MVMA Specifications Form Passenger Car

Car Line Camaro
Model Year 1978 Issued 10-77 Revised (●) 2-78

Car And Body Dimensions See Key Sheets, Pgs. 30-33

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

Front Compartment

H Point to body "O" line	L31	42.8
Effective head room	H61	37.2
Effective T Point head room	H75	37.4
Max. eff. leg room - accelerator	L34	43.9
H Point to Heel point	H30	6.1
H Point travel	L17	5.0
Shoulder room	W3	56.7
Hip room	W5	52.4 55.8
Upper body opening to ground	H50	45.7
Steering Wheel Angle Vertical	H-18	17.6°
Back Angle Front	L-40	26.0°

Rear Compartment

H Point couple distance	L50	27.3
Effective head room	H63	36.0
Effective T Point head room	H76	35.9
Min. effective leg room	L51	28.4
H Point to Heel point	H31	8.4
Min. knee room	L48	-2.5
Rear Compartment room	L3	22.7
Shoulder room	W4	54.4
Hip room	W6	46.3
Upper body opening to ground	H51	--

Luggage Compartment

Usable luggage capacity (cu. ft.)	V1	6.4 (a)
Liftover height	H195	27.2
Position of spare tire storage		Right Corner - Flat
Method of holding lid open		Torsion Bars

(a) With Space Saver Tire; 7.2 cubic feet.
* Corporation "H" (Shoe Box) method of measurement is used.

MVMA Specifications Form

Passenger Car

Car Line Camaro
 Model Year 1978 Issued 10-77 Revised (●) _____

Car And Body Dimensions See Key Sheets, Pgs. 30-33

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

Station Wagon — Third Seat

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

Station Wagon — Cargo Space

Cargo length at floor - front seat	L202	
Cargo length at belt - front seat	L204	NOT
Cargo width - Wheelhouse	W201	APPLICABLE
Opening width at belt	W204	
Maximum cargo height	H201	
Rear opening height	H202	
Cargo volume index (cu. ft.) $\frac{W4 \times L204 \times H201}{1728}$	V2	

Hatchback — Cargo Space

Front Seat Back to Load Floor Height	H197	
Cargo Length at Front Seat Back Height	L208	NOT
Cargo Length at Floor - Front Seat	L209	APPLICABLE
Cargo volume index (cu. ft.) $\frac{L208 + L209}{2} \times W4 \times H197$ 1728	V3	

MVMA Specifications Form

Passenger Car

Car Line Camaro
 Model Year 1978 Issued 10-77 Revised (●)

Power Teams (Indicate whether standard or optional)

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

SERIES AVAILABILITY #	ENGINE (1)						TRANSMISSION	AXLE RATIO (:1) (Std. first) (Indicate A/C ratio)																	
	Displ. cu. in.	Carb.	Compr. Ratio	SAE Net @ RPM		Exhaust System*		(A)	(B)	(C)															
				BHP	Torque																				
Base-all states	250 L6 (L22)	1-Bbl	8.1:1	110	190	S	3-spd.manual (3.50 low) - Base.(N.A. in California)	2.73	-	-															
				@ 3800	@ 1600		3-spd.automatc (optional)	2.73	-	-															
Optional - all states	305 V8 (LG3)	2-Bbl	8.4:1	145	245	S	4-spd.manual (2.85 low) - Base.(N.A. in California)	3.08	-	-															
				@ 3800	@ 2400		3-spd. auto- matic(optional)	2.41	-	-															
Optional - all states	350 V8 (LM1)	4-Bbl	8.2:1	170	270	S	4-spd. manual (2.85 low) - Base.(N.A. in California)	3.08	-	-															
				@ 3800	@ 2400		3-spd. auto- matic(optional)	2.41	3.08	3.08															
Optional - all states	350 V8 (LM1/ Z28)	4-Bbl.	8.2:1	185	280	D	4-spd. manual (2.64 low) - Base (N.A. in California)	3.73	-	-															
				@ 4000	@ 2400		3-spd.auto- matic(optional)	3.42	-	3.42															
'Base' and 'Optional' refer to engine availability. Base All States. Optional All States. Above 4000 feet altitude - all except California. Positraction and Air Conditioning available with all axle ratios. (1)California and altitudes above 4000 Fect.- <table><tr><th>Engine</th><th>H.P.</th><th>Torque</th></tr><tr><td>250 Cu. In. (L22)</td><td>900 3600</td><td>175 @ 1600</td></tr><tr><td>305 Cu. In. (LG3)</td><td>1350 3800</td><td>240 @ 2000</td></tr><tr><td>350 Cu. In. (LM1)</td><td>1600 3800</td><td>260 @ 2400</td></tr><tr><td>350 Cu. In. (LM1/Z28)</td><td>1750 3800</td><td>265 @ 2400</td></tr></table>											Engine	H.P.	Torque	250 Cu. In. (L22)	900 3600	175 @ 1600	305 Cu. In. (LG3)	1350 3800	240 @ 2000	350 Cu. In. (LM1)	1600 3800	260 @ 2400	350 Cu. In. (LM1/Z28)	1750 3800	265 @ 2400
Engine	H.P.	Torque																							
250 Cu. In. (L22)	900 3600	175 @ 1600																							
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350 Cu. In. (LM1)	1600 3800	260 @ 2400																							
350 Cu. In. (LM1/Z28)	1750 3800	265 @ 2400																							

*S — Single D — Dual

MVMA Specifications Form Passenger Car

Car Line **CAMARO**
Model Year **1978** Issued **10-77** Revised (●)

Engine Description/Carb.

250CID L6/ 1-Bb1 RPO L22	305CID V8/ 2-Bb1 RPO LG3	350 CID V8/ 4-Bb1 RPO LM1
-----------------------------	-----------------------------	------------------------------

Engine — General

Type (inline, V, Flat)	Inline	90° V
Total dressed engine wt. dry	522	624 627
No. of cylinders	6	8
Bore	3.875	3.736 4.00
Stroke	3.53	3.48
Piston Displacement cu. in.	250	305 350
Bore spacing (C/L to C/L)		4.40
Cyl. No. system (front to rear)	L Bank 1-2-3-4-5-6 R Bank ---	1-3-5-7 2-4-6-8
Firing Order	1-5-3-6-2-4	1-8-4-3-6-5-7-2
Cylinder Head Material	Cast Alloy iron	
Cylinder Block Material	Cast Alloy iron	
Cylinder block deck height	9.15	9.03
Number of intg. points	Front TWO Rear ONE	
Engine installation angle	3° 16'	
Recommended fuel leaded, unleaded	unleaded	
Fuel antiknock index $\frac{(R+M)}{2}$	91	
Cylinder Head Volume (cm ³)	70.0	60.5 75.47
Head Gasket Thickness (Compressed)(CM*RV/3"112)	.038	.021
Head Gasket Volume (cm ³)	8.14	3.98 4.59
Deck Clearance (minimum) (above or below block)	.025 below	
Minimum Combustion Chamber Volume (cm ³)	68.0	59.52 74.5

Engine — Pistons

Material	Cast Aluminum Alloy		
Description and finish	Sump head; closed, slipper skirt		
Weight (piston only) oz.	20.24	20.80	21.33
Clearance (limits)	Top land .0245 - .0335 Skirt Top .0005 - .0015 (a) Bottom	.0245 - .0335 .0017 - .0042 (b)	.0235 - .0325 .0007 - .0017 (b)
Ring groove diameter	No. 1 ring 3.434 - 3.444 No. 2 ring 3.434 - 3.444 No. 3 ring 3.446 - 3.456	3.320 - 3.335 3.320 - 3.335 3.300 - 3.315	3.541 - 3.556 3.541 - 3.556 3.577 - 3.592

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

*Dressed engine weight includes the following:

Material required to make the engine an independent working power unit less radiator hoses, coolant, accelerator controls or engine mountings.

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

MVMA Specifications Form Passenger Car

Car Line Camaro
Model Year 1978 Issued 10-77 Revised (●) 2/78

Engine Displacement

L6-250 CID/1-bb1 RPO L22	V8-305 CID/2-bb1 RPO LG3	V8-350 CID/4-bb1 RPO LM1
-----------------------------	-----------------------------	-----------------------------

Engine - Piston Rings

Function (top to bottom)	No. 1. oil or comp.	Compression			
	No. 2. oil or comp.	Compression			
	No. 3. oil or comp.	Oil			
Compression	Description - material, coating, etc.	Upper	(*) Cast alloy iron, .0004" minimum chrome (a)		
		Lower	Cast alloy iron, reverse twist tapered face, lubrited		
	Width		(b)	(c)	(d)
	Gap		.010-.020	Upper-.010-.020; lower-.010-.025	
Oil	Description - material, coating, etc.		Multi-piece (2 rails and one space expander)		
			Rails-steel, chrome plated O.D.; expander-stainless steel		
	Width		.1850-.1870	.1859-.1879	.1850-.1870
	Gap		.015-.055	.010-.035	.015-.055
Expanders			In oil ring assembly		

Engine - Piston Pins

Material			Chromium steel	
Length			2.990 -3.010	
Diameter			.9270-.9273	
Type	Locked in rod, in piston, floating, etc.		Locked in rod	
	Bushing	In rod or piston	None	
		Material	--	
Clearance	In piston		.00015-.00025	.00025-.00035
	In rod			
Direction & amount offset in piston			Major thrust side-.060	

Engine - Connecting Rods

Material		Drop forged steel		
Weight (oz.)		14.24	13.70	13.70
Length (center to center)		5.695-5.705		
Bearing	Material & Type		Premium aluminum	
	Overall length		.807	.797
	Clearance (limits)		.0007-.0027	.0013-.0025
	End Play		.007-.016	.006-.016

(a) L6-Radius face; V8-305 & 350-barrel face.

(b) Upper-.0775-.0780; lower-.0770-.0780

(c) Upper-.0770-.0780; lower-.0770-.0775

(d) Upper-.0775-.0780; lower-.0770-.0775

(*) L6-250 CID-Moly channel, graphite

MVMA Specifications Form

Passenger Car

Car Line CAMARO
 Model Year 1978 issued 10-77 Revised (●) _____

Engine Displacement

L-6 - 250 CID/1-bb1 RPO L22	V-8 - 305 CID/2-bb1 RPO LG3	V-8 - 350 CID/4-bb1 RPO LM1
--------------------------------	--------------------------------	--------------------------------

Engine—Crankshaft

Material		Cast Nodular Iron	
Vibration damper type		Rubber, Mounted inertia	
End thrust taken by bearing (No.)		7	5
Crankshaft end play		.002-.006	.002 - .007
Main bearing	Material & type		
	(a)		(b)(e)
	Clearance		(c)
	Journal dia. and bearing overail length	No. 1	2.2999 x .752
		No. 2	2.2999 x .752
		No. 3	2.2999 x .752
		No. 4	2.2999 x .752
		No. 5	2.2999 x .752
		No. 6	2.2999 x .752
		No. 7	2.2999x .760
	Dir. & amt. cyl. offset		None
	No. bolts/main brg. cap		Two
Crankpin journal diameter		1.999 - 2.000	2.099 - 2.100

Engine—Camshaft

Location		(d)	In block above crankshaft
Material		Cast Alloy Iron	
Bearings	Material	Steel Backed Babbitt	
	Number	4	5
Type of Drive	Gear or chain		Gear Chain
	Crankshaft gear or sprocket material		Cast Iron Sintered Iron
	Camshaft gear or sprocket material		Aluminum Alloy Nylon Teeth with Aluminum Head
	Timing chain	No. of links	None 46
		Width	None .625
		Pitch	None .500

- (a) #1 thru #6 and #7 lower (auto. trans) - premium aluminum.
 #7 upper (auto trans) and #7 upper and lower (man trans - copper lead alloy.
- (b) #1 thru #4 and #5 lower (auto. trans) - premium aluminum. with RPO LM1 engine.
 #5 upper (auto trans) and #5 upper and lower (man trans) - copper lead alloy.
- (c) #1 - .0008 - .0020
 #2,3,4, - .0011 - .0023
 #5 - .0017 - .0033
- (d) Above and to right of crankshaft.
- (e) With RPO LG3 - #1-G66 Conecc, #2 thru 4 and #5 lower (auto. trans.) - premium aluminum.

MVMA Specifications Form

Passenger Car

Car Line CAMARO
 Model Year 1978 Issued 10-77 Revised (●) _____

Engine Displacement

L-6 - 250 CID/1-bb1 RPO L22	V-8 - 305 CID/2-bb1 RPO LG3	V-8 - 350 CID/4-bb RPO LM1
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Engine—Valve System

Hydraulic lifters (Std. opt. NA)			Standard		
Valve rotator type (intake, exhaust)			None	Exhaust	
Push rods (dia., length, material) (a)			.3125 x 9.612	.3125 x 7.724	
Rocker ratio			1.75:1	1.50:1	
Operating tappet clearance (indicate hot or cold)	Intake		Zero		
	Exhaust		Zero		
Timing (based on top of ramp points)	Intake	Opens (°BTC)	16	28	28
		Closes (°ABC)	48	64	72
		Duration (deg.)	244	272	280
	Exhaust	Opens (°BBC)	64	78	78
		Closes (°ATC)	50	30	30
		Duration (deg.)	294	288	288
	Valve open overlap (deg.)		66	58	58
Intake	Material		Alloy Steel (Chrome flash stem)		
	Overall length		4.902 - 4.922	4.928 - 4.953	4.870 - 4.889
	Actual overall head dia.		1.715 - 1.725		1.935 - 1.945
	Angle of seat & face (deg.)		46 Seat, 45 Face		
	Seat insert material		None		
	Stem diameter		.3410 - .3417		
	Stem to guide clearance		.0010 - .0027		
	Lift (at zero lash)		.3880	.3727	.3900
	Outer spring press & length	Valve closed (lb. @ in.)	76-86 @ 1.66	76 - 84 @ 1.70	
		Valve open (lb. @ in.)	170 - 180 @ 1.26	194 - 206 @ 1.25	
	Inner spring press & length	Valve closed (lb. @ in.)	None	Spring Damper	
		Valve open (lb. @ in.)	None	Spring Damper	
Exhaust	Material		High Alloy Steel (Chrome flash stem) (b)		
	Overall length		4.913 - 4.933	4.910 - 4.930	
	Actual overall head dia.		1.495 - 1.505		
	Angle of seat & face (deg.)		46 Seat, 45 Face		
	Seat insert material		None		
	Stem diameter		.3410 - .3417		
	Stem to guide clearance		.0010 - .0027		
	Lift (at zero lash)		.4051	.4100	
	Outer spring press & length	Valve closed (lb. @ in.)	76 - 86 @ 1.66	76 - 84 @ 1.61	
		Valve open (lb. @ in.)	170 - 180 @ 1.26	194 - 206 @ 1.16	
	Inner spring press & length	Valve closed (lb. @ in.)	None	Spring Damper	
		Valve open (lb. @ in.)	None	Spring Damper	

- (a) Welded steel tubing
 (b) Aluminized head on 305 and 350 V8

MVMA Specifications Form Passenger Car

Car Line **CAMARO**
Model Year **1978** Issued **10-77** Revised (●) **2-78**

Engine Description/Carb.

250 CID L6/1-Bb1 RPO L22	305 CID V8/2-Bb1 RPO LG3	350 CID V8/4-Bb1 RPO LM1
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Engine — Lubrication System

Type of lubrication (splash, pressure, nozzle)	Main bearings		Pressure
	Connecting rods		Pressure
	Piston pins		Splash
	Camshaft bearings		Pressure
	Tappets		Pressure
	Timing gear or chain	Nozzle	Centrifugally oiled from camshaft bearing
	Cylinder walls	Splash	Pressure, jet cross sprayed
Oil pump type			Gear
Normal oil pressure (lb. @ engine rpm)		36-41 @ 2000	32-40 @ 2000
Type oil intake (floating, stationary)			Stationary
Oil filter system (full flow, part., other)			Full flow
Capacity of oil case, less filter-refill (qt.)			4.0
Oil grade recommended (SAE viscosity and temperature range)		20°F & Above - 20W-20, 10W-30, 10W-40, 20W-40, 20W-50 0-60°F - 10W, 5W-30, 10W-40, 10W-30; Below 20°F - 5W-20, 5W	
Engine service reqmt. (SD, SE, etc.)			

Engine — Exhaust system

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

(*) Laminated

(a) Single exhaust with dual tailpipes on 305 and 350 V8 engines.

MVMA Specifications Form

Passenger Car

Car Line CAMARO
 Model Year 1978 Issued 10-77 Revised (●) 2/78

Engine Displacement

L-6 - 250 CID/1-bb1 RPO L22	V-8 - 305 CID/2-bb1 RPO LG3	V-8 - 350 CID/4-bb1 RPO LM1
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Engine — Fuel System

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

Induction type: Carburetor, fuel injection, supercharger.			Carburetor		
Fuel Tank	Refill capacity (U. S. gals.)		Approximately 21.0		
	Filler location		Behind hinged rear license plate		
Fuel Pump	Type (elec. or mech.)		Mechanical		
	Locations		Lower Right Front of Engine		
	Pressure range		4.5 - 6.0 7.50 - 9.0		
Vacuum booster (std., optional, none)			None		
Fuel Filter	Type		Fine mesh plastic strainer in gasoline tank and		
	Locations		paper filter element in carburetor inlet		
Carburetor	Choke type		Automatic		
	Intake manifold heat control (exhaust or water)		Exhaust		
	Air cleaner type	Standard	Ducted air, closed paper element, single snorkel, thermac		
		Optional			
	Idle speed (spec. neutral or drive)	Manual	800/N	600/N	700/N
		Automatic	550(600)/D	500/D	500/D
Idle A/F mix.		Not specified			

Carburetor Supplementary Information

Model Usage	Piston Displ.	Transmission	Carburetors		No. Used and Type	Barrel Size
			Make	Model		
ALL	250	Manual	Rochester	17058013	One;	1.69
		Automatic		17058014 (17058314)	1-bb1	
	305	Manual	Rochester	17058020	One;	1.69
		Automatic		17058112 (17058412)	2-bb1	
	350	Manual	Rochester	17058203	One;	1.38 Pri.
		Automatic		17058202 (17058502)	4-bb1	2.25 Sec.
Data in brackets () specific to California						

MVMA Specifications Form

Passenger Car

Car Line CAMARO
 Model Year 1978 Issued 10-77 Revised (●) _____

Engine Description/Carb.

250 CID L6/1-Bb1 RPO L22	305 CID V8/2-Bb1. RPO LG3	350 CID V8/4-Bb1. RPO LM1
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Engine — Cooling System

Coolant recovery system (std., opt., none)		Standard	
Radiator cap relief valve pressure		15 PSI	
Circulation thermostat	Type (choke, bypass)	Choke	
	Starts to open at (°F)	192-198	
Water pump	Type (centrifugal, other)	Centrifugal	
	GPM 1000 pump rpm	21.0	22.7
	Number of pumps	One	
	Drive (V-belt, other)	V-Belt	
	Bearing type	Permanently lubricated, double row ball	
By-pass recirculation type (inter., ext.)		Internal	
Radiator core type (cross-flow, vertical, cellular, tube and fin, other)		Cross flow, tube & center	
Cooling system capacity	With heater (qt.)	14.6	17.2
	Without heater (qt.)		17.3
	Opt. equipment-specify (qt.)		
Water jackets full length of cyl. (yes, no)		Yes	
Water all around cylinder (yes, no)		Yes	
Radiator hose	Lower	Number and type (molded, straight)	One, molded
		Inside diameter	1.75
	Upper	Number and type (molded, straight)	One, molded
		Inside diameter	1.50
	By-pass	Number and type (molded, straight)	None
		Inside diameter	
	Standard	Width	20.80
		Height	16.97
		Thickness	1.24
Radiator	A/C	Width	26.30
		Height	16.97
		Thickness	1.24
	Heavy duty	Width	26.30
		Height	16.97
		Thickness	1.24
	Standard	Width	20.80
		Height	16.97
		Thickness	1.24
Fan (Standard)	Number of blades & spacing		4, staggered (7 w/RPO LM1/Z28)
	Diameter		17.62 (18.0 w/RPO LM1/Z28)
	Ratio-fan to crankshaft rev.		1.165:1
	Fan cutout type		None
Fan (Optional)	No. of blades and spacing		7, staggered
	Diameter		18.0
	Ratio - fan to crankshaft rev.		1.165:1
	Fan cut-out type		Thermo-modulated viscous type

MVMA Specifications Form Passenger Car

Car Line CAMARO
Model Year 1978 Issued 10-77 Revised (●) _____

Engine Displacement

L-6 - 250, V-8 - 305 & 350 All states except Calif.	L6-250, V8-305 & 350 California & 350 V8 Above 4000 Feet Altitude
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Vehicle Emission Control

Exhaust Emission Control	Type (Air injection, engine modifications, other)		Engine modifications	Manifold Air Injection
	Air Injection Pump	Type		Semi -Articulated vane
		Displacement		19.3 cu. in.
		Drive ratio	CONTROLLED	1.15:1 (L6), 1.33:1 (V8)
		Drive type		Crankshaft Pulley
		Relief valve (type)	COMBUSTION	Diverter Valve
		Filter (describe)		Centrifugal Air Cleaner
	Air Injection System	Air distribution (head, manifold, etc.)	SYSTEM	Exhaust Pipe
		Point of entry		Exhaust Pipe
		Injection tube i.d.		.2700
		Check valve type		Pressure Plate System
		Backfire protection (type)		Diverter Valve
	Exhaust Gas Recirculation System	Type (controlled flow, open orifice, other)		Controlled Flow
		Valve type	Vacuum modulates shut-off and metering valve	
		Valve location	L-6 - left front; V-8 - right rear of manifold	
		Control energy source	Carburetor vacuum	
		Exhaust source	Manifold exhaust crossover	
		Exhaust cooler type	None	
		Orifice no. and size	One; 0.030"	
		Point of exhaust injection (spacer, carburetor, manifold, other)	Inlet Manifold	
	Catalytic Converter System	Catalyst	Type	Platinum - palladium
			Volume	260 cu. in.
		Substrate type	Alumina	
		Container location	Beneath right front underbody; also monolith manifold converter of 0.9 litre volume in California on L-6 -250	
	Other	Carburetor		Thermostatically controlled air cleaner regulates and
		Hot Air		mixes heated air with incoming cold air to
				reduce hydrocarbon emission.

MVMA Specifications Form
Passenger Car

Car Line CAMARO
Model Year 1978 Issued 10-77 Revised (●) _____

Engine Displacement

L-6 - 250 CID /1-bb1 RPO L22	V-8 - 305 CID/2-bb1 RPO LG3	V-8 - 350 CID/4-bb1 RPO LM1
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Vehicle Emission Control (Continued)

Crankcase Emission Control	Type (ventilates to atmos., induction system, other)		Standard	Induction System				
			Optional	----				
	Control Unit	Make and model	A. C. Spark Plug					
		Location	Valve Rocker Cover - L6 - Top rear; V8 - left front					
		Energy source (manifold vacuum, carburetor, other)	Manifold Vacuum					
		Control method (variable orifice, fixed orifice, other)	Variable Orifice					
	Complete System	Discharges (to intake manifold, other)	Intake Manifold					
		Air inlet (breather cap, other)	Carburetor Air Cleaner					
		Flame arrestor (screen, other)	Screen					
	Fuel Tank	Thermal expansion volume (cu. ft.)	Approximately 10% of refill capacity.					
		Relief pressure (psi) and location	1.1 PSI					
Evaporative Emission Control		Vacuum relief (psi) and location	0.7 PSI					
		Vapor-liquid separator type	Integral with fuel tank					
		Vapor vented to (crankcase, canister, other)	Canister					
Carbu- retor	Vapor vented to (crankcase, canister, other)	Canister						

Vapor Storage	Storage provision (crankcase, canister, other)	Canister						

	Volume (cu. ft.) or capacity (grams)	Approximately 50 grams storage capacity						
	Control valve type	Controlled by orifice and carburetor throttle body and throttle blade position.						

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Passenger Car

Car Line CAMARO
 Model Year 1978 Issued 10-77 Revised (●) _____

Engine Description/Carb.

250 CID L6/1-Bb1. RPO L22	305 CID V8/2-Bb1. RPO LG3	350 CID V8/4-Bb1. RPO LM1
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Electrical — Supply System

Battery	Make and Model	Delco 85-4 'Freedom'	Delco 85-5 'Freedom'
	Voltage Rtg. & Total Plates	12V, 2500 Watts	12V, 3200 Watts
	SAE Designation No and/or capacity	60 minute reserve capacity	80 minute reserve capacity
	Location	Engine Compartment, right front	
Generator or Alternator	Make	Delco Remy	
	Model	1102491	1102394
	Type and rating	Diode rectified - 37 A	
	Output at engine idle (neutral)	12-20A	
Regulator	Ratio—Gen. to Cr/s rev.	2.73:1	
	Make	Delco Remy	
	Model	- - -	
	Type	Micro circuit unit, integral with alternator	
	Regulated	Voltage	13.8 -14.8
		Current	- - -
	Voltage test conditions	Temperature	Operating
		Load	3-8
		Other	None

Electrical — Starting System

Starting Motor	Make	Delco Remy		
	Model	1108774	1109524	1109059
Motor Drive	Engagement type		Positive shift solenoid	
	Pinion engages from (front, rear)		Rear	
	Number of teeth	Pinion	9	
		Flywheel	Manual	168
			Auto.	168

MVMA Specifications Form Passenger Car

Car Line **CAMARO**
Model Year **1978** Issued **10-77** Revised (●) **2/78**

Engine
Description/Carb.

250 CID L6/1-bb1 RPO L22	305 CID V8/2-bb1 RPO LG3	350 CID V8/4-bb1 RPO LM1
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Electrical — Ignition System — Distributor

Distributor	Manual	1110715	1103281	1103337 1110353- RPO Z28
	Automatic	1110715 (1110716)	1103282	1103353 (1103285)
Timing	Manual	6 Degrees	4 Degrees	6 Degrees
	Automatic	10 Degrees (6 Degrees)	6 Degrees	6 Degrees (8 Degrees)

Distributor Model	CENTRIFUGAL ADVANCE Crankshaft Degrees at Engine RPM			VACUUM ADVANCE Crankshaft Deg. at In. of Mercury	
	Start	Intermediate	Maximum	Start	Maximum
1110715	0@1000	7@1600	20@4200	0@4	24@15
1110716	0@1000	7@1600	20@4200	0@4	15@12
1103281	0@1000	10@1700	20@3800	0@4	18@12
1103282	0@1000	10@1700	20@3800	0@4	20@10
1103337	0@1100	12@1600	22@4600	0@4	24@10
1103353	0@1100	12@1600	22@4600	0@4	20@10
1103285	0@1200	12@2000	22@4200	0@4	20@10
Data in brackets () specific to the State of California.					

MVMA Specifications Form Passenger Car

Car Line CAMARO
Model Year 1978 Issued 10-77 Revised (●) _____

Engine Description/Carb.

250 CID L6/1-bb1 RPO L22	305 CID V8/2-bb1 RPO LG3	350 CID V8/4-bb1 RPO LM1
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Electrical—Ignition System

Type	Conventional - Std., Opt., N. A.	---
	Transistorized - Std., Opt., N. A.	---
	Other (specify)	High Energy Ignition System (H.E.I.)
Coil	Make	Delco Remy
	Model	Integral with distributor cap
	Current	Engine stopped
		Engine idling
Spark Plug	Make	A.C. Spark Plug
	Model	R46TS R45TS
	Thread (mm)	14
	Tightening torque (lb. ft.)	25
	Gap	.035 .045

Electrical—Suppression

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

Speedometer	Type	Circular dial with pointer
	Trip odometer (std. opt., N. A.)	N/A
EGR maintenance indicator		N/A
Charge Indicator	Type	Tell-Tale
	Warning device	N/A
Temperature Indicator	Type	Tell-Tale
	Warning device	N/A
Oil pressure Indicator	Type	Tell-Tale
	Warning device	N/A
Fuel Indicator	Type	Electric Gauge
	Warning device	N/A
Wind-shield Wiper	Type - standard	Electric, Two-Speed
	Type - optional	None
	Blade length	16.0"
	Swept area	841.02 sq. in.
Wind-shield Washer	Type - standard	Push-Button
	Type - optional	None
	Fluid level indicator	N/A
Horn	Type	Vibrator
	Number used	Dual - 1FS87 model Type "LT", single (low note 0N-EQ87 Moc
	Current draw (A) per horn	4.5 - 6.5 @ 12.5 volts
Other	Parking brake warning light, brake failure warning light, restraint system warning light and buzzer.	

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Car Line CAMARO
Model Year 1978 Issued 10-77 Revised (●) 2/78

Engine Description/Carb.

250 CID L6/1-Bb1 RPO L22	305 CID V8/2-Bb1 RPO LG3	350 CID V8/4-Bb1 RPO LM1	RPO Z28
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Drive Units—Clutch (Manual Transmission)

Make & type	Chevrolet, single dry disc	Chevrolet, single dry disc centrifugal
Type pressure plate springs	Diaphragm	Diaphragm, bent finger design
Total spring load (lb.)	1650-1900	2100-2300 2450-2750
No. of clutch driven discs	One	
Clutch facing	Material	Woven type asbestos
	Manufacturer	Chevrolet
	Part Number	3828054 3927129 3862736
	Rivets/Plate	36 40 40
	Rivet size	.143 x .213 .184 x .208
	Outside & inside dia.	9.12 x 6.12 10.34 x 6.50 11.0 x 6.50
	Total eff. area (sq. in.)	71.82 101.58 123.70
	Thickness	.135
Release bearing	Engagement cushioning method	Flat spring steel between facings
	Type & method of lubrication	Simple row ball, packed and sealed
Torsional damping	Methods: springs, friction material	Coil springs

Drive Units—Transmissions

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

Drive Units — Manual Trans.

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

MVMA Specifications Form

Passenger Car

Car Line CAMARO
 Model Year 1978 Issued 10-77 Revised (●) 2/78

Engine Displacement

L-6 - 250 CID RPO L22	V-8 - 305 CID RPO LG3	V-8 350 CID RPO LM1	V-8 350 CID RPO LM1/Z28
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Drive Units—Automatic Transmission

Trade name		3-speed Automatic			
Type (describe)		Torque converter with planetary gears			
Selector location		Steering column - floor mounted when used with optional floor console			
Gear Ratios	P	Park			
	R	1.93			
	N	Neutral			
	D	2.52 - 1.52 - 1.00			
	L2	2.52 - 1.52			
	L1	2.52			
Max. upshift speed - drive range		61-75	73-90	75-92	63-76
Max. kickdown speed - drive range		58-72	69-86	70-88	60-73
Torque Converter	Number of elements	Three			
	Max. ratio at stall	2.0			
	Type of cooling (air, liquid)	Liquid			
	Nominal diameter	11.75			
Lubricant	Capacity - refill (pt.)	8			
	Type recommended	Dexron II			
Special transmission features					

Drive Units—Axle

Type (front, rear)		Rear	
Description		Semi-floating axle shaft, overhung drive pinion and ring gear	
Limited Slip differential, type		Disc clutches	
Drive Pinion Offset		1.75 vertical	
No. of differential pinions		Two	
Pinion adjustment (shim, other)		Shims	
Pinion bearing adj. (shim, other)		Collapsible sleeve	
Wheel bearing type		Direct or single row cylindrical	
Lubricant	Capacity (pt.)		4.25
	Type recommended		GL-5 Gear lubricant
	SAE vis- cosity number	Summer	80W or 80W-90
		Winter	80W or 80W-90
		Extreme cold	80W or 80W-90

Axle Ratio Tooth Combinations (See "Power Teams" for axle ratio usage)

Axle ratio		2.41	2.73	3.08	3.42	3.73
No. of teeth	Pinion	17	15	13	12	11
	Ring gear	41	41	40	41	41
Ring Gear O D		8.50 in.				

MVMA Specifications Form

Passenger Car

Car Line CAMARO
 Model Year 1978 Issued 10-77 Revised (●) _____

Engine Description/Carb.

250 CID L6/1-bb1 RPO L22	305 CID V8/2-bb1 RPO LG3	350 CID V8/4-bb1 RPO LM1	RPO LM1/Z28
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Drive Units—Propeller Shaft

Number used		One		
Type (straight tube, tube-in-tube, internal-external damper, etc.)		Straight Tube		
Outer diam. x length* x wall thickness	Manual 3-speed trans.	2.75 x 48.55 x .065	N.A.	
	Manual 4-speed trans.	N.A.	2.75 x 48.55 x .065	2.75 x 48.0 x .065
	Manual 5-speed trans.	N.A.		
	Overdrive	N.A.		
	Automatic transmission	2.75 x 48.55 x .065		
Inter-mediate bearing	Type (plain, anti-friction)	None		
	Lubrication (fitting, prepack)	- - -		
Slip Yoke	Type	Yoke		
	Number of teeth	27		32 (a)
	Spline O. D.	1.502		
Universal joints	Make and Mfg. No.		Saginaw 44	
	Number used		Two	
	Type (ball and trunnion, cross)		Cross	
	Rear attach. (u-bolt, clamp, etc.)		Strap & Bolt	
	Bearing	Type (plain, anti-friction)	Antifriction	
		Lubric. (fitting, prepack)	Prepack	
Drive taken through (torque tube or arms, springs)		Springs		
Torque taken through (torque tube or arms, springs)		Springs		

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

(a) 4-speed manual transmission only - automatics
 27 teeth

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Passenger Car

Car Line CAMARO
 Model Year 1978 Issued 10-77 Revised (●) _____

Body Type And/Or Engine Displacement, Etc.

1FQ87	1FS87	1FS87 (RPO Z28)
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Drive Units — Tires And Wheels (Standard)

TIRES	Size, load range, ply	FR78x14 (B/W - std W/S & W/L. Opt)		GR70x15 (W/L)
	Type (bias, radial, etc.)	Steel Belted Radial		
	Inflation pressure (cold) for recommended max. vehicle load	Front	24	
		Rear	24	
WHEELS	Rev./mile @ 45 mph	797		763
	Type & material	Short spoke disc steel		Short spoke disc steel
	Rim (size & flange type)	14x6	14x7 Rally	15x7 Rally
	Wheel offset	0.50	0.34	
	Attachment	Type (bolt or stud)	Stud	
		Circle diameter	4.75	
		Number & size	5 - Hex nuts 7/16- 20UNEF - 2B	
	Spare wheel (same or other)	(b)	Same except 14 x 5 with spare tire	

Drive Units — Tires And Wheels (Optional)

Size, load range, ply	E78-14 (c)	
Type (bias, radial, etc.)	Bias Belted	
Wheel type & material		
Rim (size, flange type, and offset)		
Size, load range, ply	(Rally with	
Type (bias, radial, etc.)	RPO ZJ7)	
Wheel type & material	Short spoke disc	
Rim (size, flange type, and offset)	14x6; 0.50	
Size, load range, ply	(Rally with	
Type (bias, radial, etc.)	RPO Z85)	
Wheel type & material	Short Spoke Disc	
Rim (size, flange type, and offset)	14x7; 0.34	
Size, load range, ply		
Type (bias, radial, etc.)	(Turbine I with RPO PE1)	
Wheel type & material	Styled steel	
Rim (size, flange type, and offset)	14x7 ; 0.34	
Size, load range, ply		
Type (bias, radial, etc.)		
Wheel type & material		
Rim (size, flange type, and offset)		

Brakes — Parking

Type of control	Foot pedal apply; "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)	-----

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

MVMA Specifications Form

Passenger Car

Car Line CAMARO
 Model Year 1978 Issued 10-77 Revised (●) _____

Body Type And/Or Engine Displacement

--

Brakes — Service

Brake Type (std., opt., N.A.)	Drum	Front	-----	
		Rear	Standard	
	Disc	Front	Standard	
		Rear	-----	
Self adjusting (std., opt., N.A.)			Standard	
Special Valving	Type (proportion, delay, metering, other)			
			Metering and proportioning	
Power Brake (std., opt., N.A.)			Standard - V8 engines; Optional - L6 engines	
Booster Type (remote, integral, etc.)			Integral	
Effective area (sq. in.) *			100.52	
Gross lining area (sq. in.) **			115.6	
Swept area (sq. in.) ***			326.4	
Drum	Diameter (nominal)	Front	-----	
		Rear	9.5	
Type and material		Composite, finned, cast iron steel web		
Rotor	Outer working diameter		11.0	
	Inner working diameter		7.18	
	Thickness		1.03	
	Material & type (vented/solid)		Cast iron vented	
Wheel cyl- inder bore	Front		2.9375	
	Rear		0.9375	
Master Cylinder	Bore		Manual - 1.00; Power - 1.125	
	Stroke		Manual - 1.253; Power - 1.408	
Pedal arc ratio			Manual - 6.22:1, Power 3.58:1	
Line pressure at 100 lb. pedal load				
Shoe Clearance	Front		Self Adjusting	
	Rear		Self Adjusting	
Anti-skid device type (std., opt., N.A.)				
Brake lining	Bonded or riveted, rivets/seg.		Riveted	
	Rivet size		Front - .210 x .379; Rear .143 x .250	
	Manufacturer		Delco Moraine	
	Part number			
	Front Wheel	Material		Molded asbestos
		Size (length x width x thickness)	Prim. or out- board	5.40 x 1.92 x 0.465
			Second. or in- board	5.40 x 1.92 x 0.465
		Segments per shoe		One
		Shoe thickness		.540
		Rear Wheel	Material	
	Size (length x width x thickness)		Prim. or out- board	7.30 x 2.0 x 0.23
			Second. or in- board	9.46 x 2.0 x 0.23
	Segments per shoe		One	
	Shoe thickness			
			Primary - 0.275 - Secondary - 0.305	

* Excludes rivet holes, grooves, chamfers, etc.

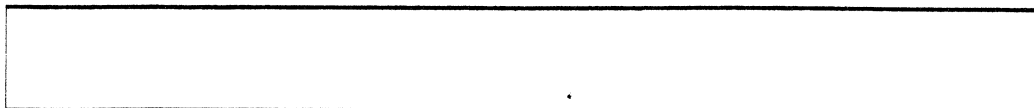
** Includes rivet holes, grooves, chamfers, etc.

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

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Car Line **CAMARO**
 Model Year **1978** Issued **10-77** Revised (●)



Steering

Manual (std., opt., NA)			N/A		
Power (std., opt., NA)			Standard; energy absorbing steering column		
Adjustable steering wheel (tilt, swing, other)	Type and description (std., opt., NA)		Tilt; universally jointed steering shaft at base of steering wheel		
	Manual		Optional		
Wheel diameter	Power		15.0"		
Turning diameter (feet)	Outside front	Wall to wall (l. & r.)	41.1		
		Curb to curb (l. & r.)	38.5		
	Inside rear	Wall to wall (l. & r.)			
		Curb to curb (l. & r.)			
Manual	Gear	Type			
		Make			
		Ratios	Gear		
			Overall		
No. wheel turns (stop to stop)					
Power	Type (coaxial, linkage, etc.)		Integral gear and power piston with vane type pump		
	Make		Saginaw Steering		
	Gear	Type	Semi-Reversible, recirculating ball stud		
		Ratios	Gear	16.0/13.0:1 (14.0:1 w/RPO Z28)	
			Overall	15.03/10.61:1 (13.0:1 w/RPO Z28)	
	Pump driven by		Crankshaft Pulley		
	No. wheel turns (stop to stop)		2.41 (2.61 w/RPO Z28)		
	Type		Parallelogram		
Linkage	Location (front or rear of wheels, other)		Front		
	Drag link (trans. or longit.)		None		
	Tie rods (one or two)		Two		
	Inclination at camber (deg.)		10.35 @ 1 Degree Camber		
	Steering Axis	Bearings (type)	Upper	Ball Stud with non-metallic bearings	
Lower			Ball stud with non-metallic and sintered iron bearings		
Thrust			None		
Whl. Align. (range at curb wt. & preferred)	Caster (deg.)		+1 ± 1		
	Camber (deg.)		+1 ± .8		
	Toe-in (outside track inches)		1/16 ± 1/8		
Steering spindle & joint type			Steering knuckle with spherical joints		
Wheel Spindle	Diameter	Inner bearing	1.2493-1.2498		
		Outer bearing	.7492-.7498		
	Thread size		3/4 - 20 UNEF - 3A (Modified)		
	Bearing type		Taper Roller		
Wheel Align. @ curb wt.	Service checking	Caster (deg.)	0° to +2°		
		Camber (deg.)	+0.2° to +1.8°		
		Toe-in (outside)	+ .05° to + .25		
	Service reset	Caster	+1° to 0.5°		
		Camber	+1° to 0.5°		
		Toe-in	+ .10° to .05°		
	Periodic M.V. inspection	Caster	-1° to +2.5°		
		Camber	-0.5° to +2.5°		
		Toe-in	- .15° to + .55°		

MVMA Specifications Form Passenger Car

Car Line CAMARO
Model Year 1978 Issued 10-77 Revised (●) _____

Body Type And/Or Engine Displacement

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Suspension — General

(See Supplement page for details on Air Suspension)

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

Suspension — Front

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

Suspension — Rear

Type and description	Salisbury Rear Axle with Multiple Leaf Springs
Drive and torque taken through	Rear Springs
Travel	Full Jounce 2.88
	Full Rebound Left - 4.93; Right - 5.21
	Type (coil, leaf, other) Multiple Leaf
	Material Chrome Carbon Steel
Spring	Size (length x width, coil design height & I.D., bar length & dia.) 56.0 x 2.50
	Spring rate (lb. per in.) 96
	Rate at wheel (lb. per in.) 106
	Mounting insulation type Rubber Bushed at Shackle and hanger
	If No. of leaves Five
	leaf Shackle (comp. or tens.) Compression
Stabilizer	Type (link, linkless, frameless) Link
	Material & bar diameter Steel; 0.5625" W/RPO F41 Sport Suspension (b)
Track bar type	

- (a) For base equipped model, springs for all models computer selected by size and rate according to vehicle weight including optional equipment.
- (b) 0.625" standard with Z28

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Passenger Car

Car Line CAMARO
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Body Type

2 DOOR SPORT COUPES	
1FQ87	1FS87

Frame

Type and description (Separate frame, unitized frame, partially - unitized frame)

BODY - frame integral with separate partial frame

Body — Miscellaneous Information

Type of finish (lacquer, enamel, other)	Acrylic Lacquer	
Hood counterbalanced (yes, no)	Yes	
Hood release control (internal, external)	External	
Vehicle Ident. No. location	Top left hand of instrument panel	
Theft protection - type	Lock mounted on steering column, locks steering wheel, transmission shift levers and ignition.	
Vent window control method (crank, friction pivot, power)	Front	None
	Rear	None
Seat cushion type	Front	Formed, foam pad
	Rear	Formed, foam pad
	3rd seat	----
Seat back type	Front	Formed, foam pad
	Rear	Formed, foam pad
	3rd seat	----
Windshield glass type	Single, curved, laminated plate	
Side glass type	Curved, tempered plate	
Backlight glass type	Single, curved, tempered plate	
Windshield glass exposed surface area	1137.6	
Side glass exposed surface area	1139.8	
Backlight glass exposed surface area	1212.7	
Total glass exposed surface area	3490.1	

MVMA Specifications Form

Passenger Car

Car Line CAMARO
 Model Year 1978 Issued 10-77 Revised (●) _____

Body Type

1FQ87	2 DOOR SPORT COUPES	1FS87
-------	---------------------	-------

Convenience Equipment

Power windows	Side windows	Optional
	Vent windows	NA
	Backlight or tailgate	NA
Power seats (specify type as well as availability)		NA
Reclining front seat back (R-L or both)		Optional (L)
Radios (specify type as well as availability)		Optional-AM-Pushbutton, AM/FM Pushbutton, AM/FM Stereo, AM-Stereo and tape player, AM/FM stereo and tape player.
Rear seat speaker		Optional
Power antenna		NA
Clock		Optional
Air conditioner (specify type and availability)		Optional - Four Season, manual control
Speed warning device		NA
Speed control device		Optional, not available with L-6 engine in California
Ignition lock lamp		NA
Dome lamp		Standard
Glove compartment lamp		Standard 1FS87 - Optional 1FQ87
Luggage compartment lamp		Optional
Underhood lamp		Optional
Courtesy lamp		Optional
Map lamp		NA
Cornering light lamp		NA
Rear window defroster electrically heated		NA
Rear window defogger		Optional
Power door lock sys.		Optional
Windshield Antenna		with factory installed radio

Lamp Height And Spacing*

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

*Measured with passenger load and trunk/cargo load specified in Car and Body Dimension section.

**If single headlamps are used enter here.

Car Line **CAMARO**
Model Year **1978** Issued **10-77** Revised (●) _____

- Reference - SAE J1100, Passenger Car Dimension Definitions, Pg. 1, Base Curb Weight.
- Shipping weight definition -

MVMA Specifications Form

Passenger Car

Car Line CAMARO
Model Year 1978 Issued 10-77 Revised (●) _____

[illegible]

MVMA Specifications Form Passenger Car

Car Line Camaro
Model Year 1978 Issued 10-77 Revised (●) 2/78

Body Type

1F087	<u>2-DOOR SPORT COUPES</u>	1FS87
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Vehicle Fiducial Marks

Fiducial Mark
Number *

Define Coordinate Location

Front

X - FIDUCIAL MARK TO VERTICAL BODY ZERO LINE-FRONT, MEASURED HORIZONTALLY FROM THE BODY ZERO LINE TO THE FRONT FIDUCIAL MARK LOCATED ON TOP OF THE FRONT SEAT ADJUSTER MOUNTING BOLT.

Y - FIDUCIAL MARK TO CENTERLINE OF CAR-FRONT, WIDTH MEASUREMENT MADE FROM CENTERLINE OF CAR TO FIDUCIAL MARK LOCATED ON TOP OF THE FRONT SEAT ADJUSTER MOUNTING BOLT.

Z - FIDUCIAL MARK TO HORIZONTAL BODY ZERO LINE-FRONT, MEASURED VERTICALLY FROM BODY ZERO LINE TO FRONT FIDUCIAL MARK LOCATED ON TOP OF THE FRONT SEAT ADJUSTER MOUNTING BOLT.

Rear

X - FIDUCIAL MARK TO VERTICAL BODY ZERO LINE-REAR, MEASURED HORIZONTALLY FROM BODY ZERO LINE TO THE REAR FIDUCIAL MARK LOCATED ON REAR UNDERBODY CROSSBAR.

Y - FIDUCIAL MARK TO CENTERLINE OF CAR-REAR, WIDTH MEASUREMENT MADE FROM CENTERLINE OF CAR TO FIDUCIAL MARK LOCATED ON THE REAR UNDERBODY CROSSBAR.

Z - FIDUCIAL MARK TO HORIZONTAL BODY ZERO LINE-REAR, MEASURED VERTICALLY FROM BODY ZERO LINE TO THE REAR FIDUCIAL MARK LOCATED ON REAR UNDERBODY CROSSBAR.

Fiducial
Mark
Number

Coordinate Location of
Fiducial Mark

Fiducial Mark
to Ground
at Curb

Front

<u>X</u>	<u>Y</u>	<u>Z</u>
27.62	21.26	5.04

279 (11.0 in)

75.00	23.20	.86
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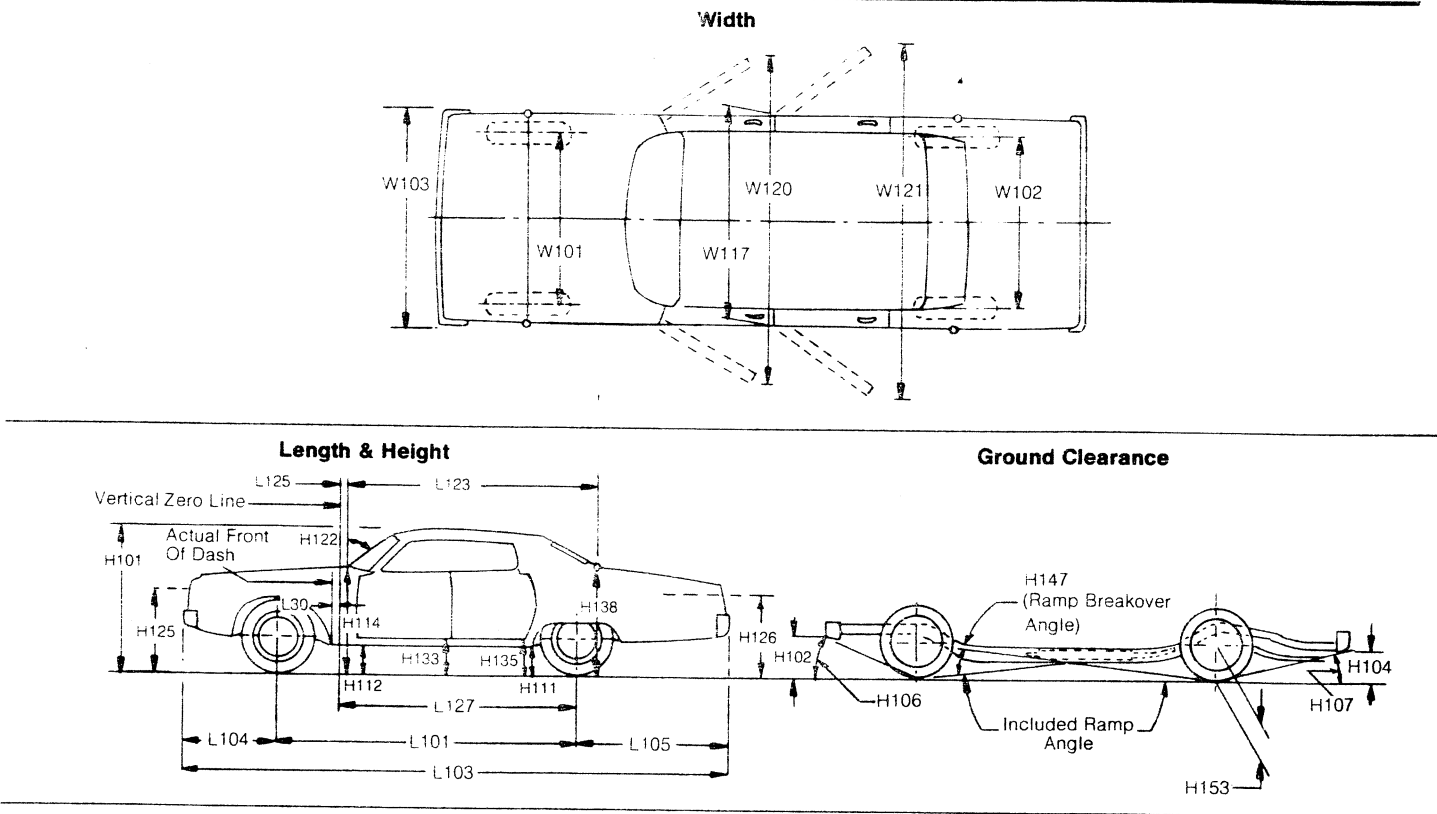
170 (6.7 in)

Rear

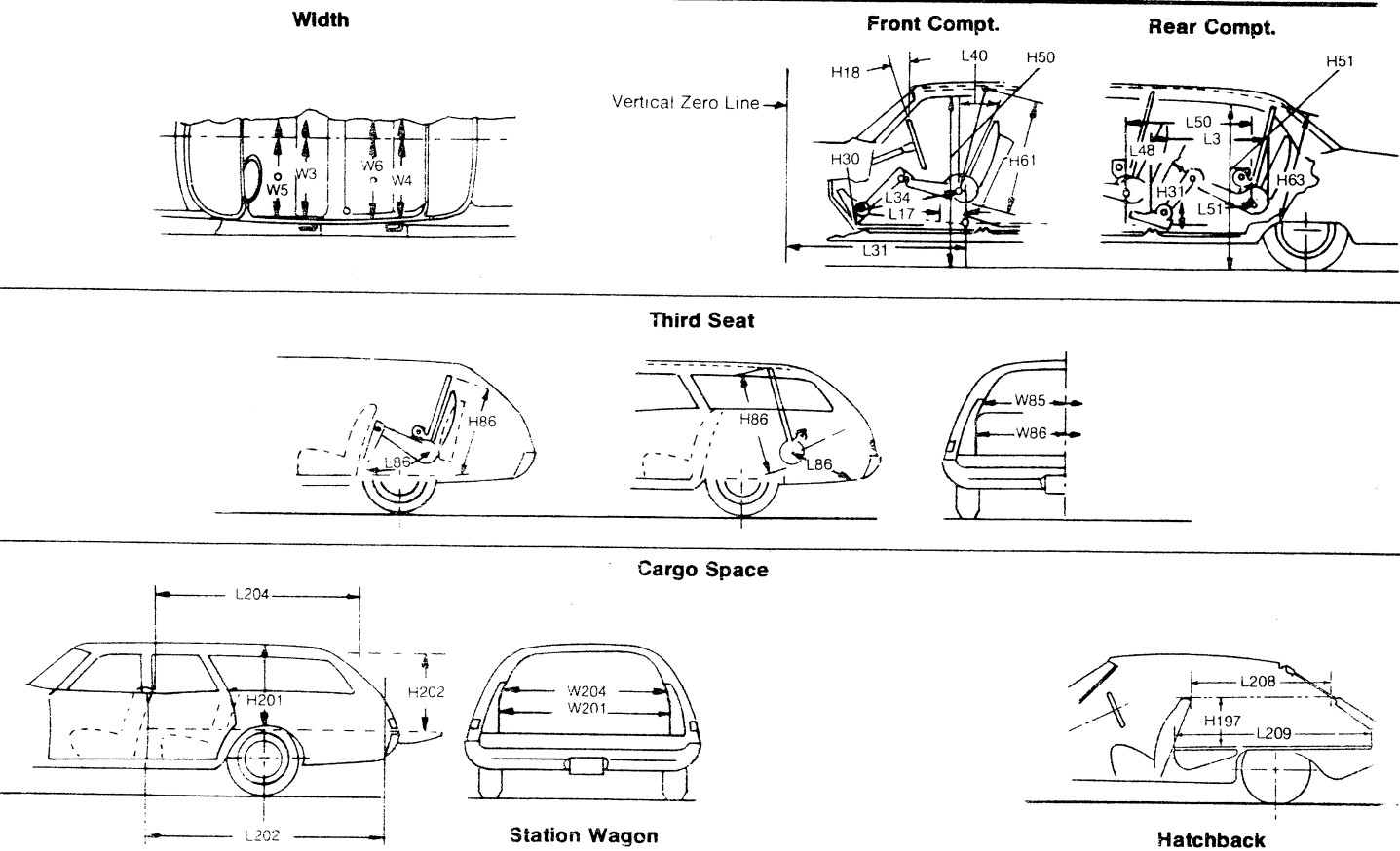
*Reference - SAE Recommended Practice, J182, A Motor Vehicle Fiducial Marks - September, 1973

MVMA Specifications Form Passenger Car

Exterior Car And Body Dimensions — Key Sheet



Interior Car And Body Dimensions — Key Sheet



MVMA Specifications Form

Passenger Car

Exterior Car And Body Dimensions — Key Sheet

Dimension Definitions

Width Dimensions

- W101 WHEEL TREAD — FRONT. Measured at centerline of tires, with nominal camber, at ground.
- W102 WHEEL TREAD — REAR. Measured at centerline of tires at ground.
- W103 MAXIMUM OVERALL CAR WIDTH. Include bumpers, moldings, or sheet metal protrusions. Measured to outside of metal.
- W117 MAXIMUM BODY WIDTH AT NO. 2 PILLAR. Measured across body at No. 2 pillar, excluding hardware and applied moldings.
- W120 MAXIMUM OVERALL CAR WIDTH, FRONT DOORS OPEN is measured to outside of sheet metal with front doors in maximum hold-open position.
- W121 MAXIMUM OVERALL CAR WIDTH, REAR DOORS OPEN is measured in same manner as W120.

Length Dimensions

- L30 VERTICAL ZERO LINE TO ACTUAL FRONT OF DASH. If actual Front of Dash is to the rear of Body Zero Line, it is identified by a minus (—) sign.
- L101 WHEELBASE.
- L103 OVERALL LENGTH. Include bumper guards if standard equipment.
- L104 OVERHANG — FRONT. Measured from C/L of front wheels to front of car, including bumper guards if standard equipment.
- L105 OVERHANG — REAR. Measured from C/L of rear wheels to rear of car, including bumper guards if standard equipment.
- L123 BODY UPPER STRUCTURE LENGTH AT CAR CENTERLINE. The horizontal dimension from the Cowl Point to the Deck Point.
- L127 VERTICAL ZERO LINE TO CENTERLINE OF REAR WHEELS. A horizontal dimension.
- L125 VERTICAL ZERO LINE TO WINDSHIELD COWL POINT. The horizontal dimension from the vertical zero line to the theoretical intersection of extended windshield glass plane and normal cowl surface.

Height Dimensions

- H101 OVERALL HEIGHT — DESIGN. Measured with the vehicle in Manufacturer's Design Weight attitude.
- H114 COWL POINT TO GROUND. Measured at vehicle centerline.
- H138 DECK POINT TO GROUND. Measured at vehicle centerline.

- H112 ROCKER PANEL TO GROUND — FRONT. The vertical dimension from ground to bottom of rocker panel, excluding flanges. Measured to the outside of sheet metal at foremost point of rocker panel.
- H133 BOTTOM OF DOOR TO GROUND, CLOSED — FRONT is the same point on the door as H132 dimension, with door closed.
- H111 ROCKER PANEL TO GROUND — REAR. The vertical dimension from ground to bottom of rocker panel, excluding flanges. Measured to the outside of sheet metal at front of rear wheel opening.
- H135 BOTTOM OF DOOR TO GROUND, CLOSED — REAR is measured in same manner as H133.
- H122 WINDSHIELD SLOPE ANGLE. The angle between a vertical line and the windshield surface at car centerline. On compound-curved windshields the chord of the arc is used and limited to that section of the windshield comprehended by an 18-inch chord.
- H125 HEADLAMP CENTERLINE TO GROUND is measured vertically to the center of the upper lamp.
- H126 TAILLAMP CENTERLINE is measured vertically from ground to the centerline of the upper bulb.

Ground Clearance Dimensions

- H102 BUMPER TO GROUND — FRONT. Minimum dimension, includes bumper guards.
- H104 BUMPER TO GROUND — REAR. Minimum dimension, includes bumper guards.
- H106 ANGLE OF APPROACH. The angle between ground and a line tangent to the front tire static loaded radius arc and the first point of interference, i.e., bumper, guard, gravel deflector, fender or other component, excluding license plate. This dimension may be determined graphically for reporting purposes.
- H107 ANGLE OF DEPARTURE. The angle between ground and a line tangent to the rear tire static loaded radius arc and the first point of interference, i.e., bumper, guard, gravel deflector, tail pipe, fender or other component, excluding license plate. This dimension may be determined graphically for reporting purposes.
- H147 RAMP BREAKOVER ANGLE. The supplement of included ramp angle (180° minus included ramp angle) over which car can pass without interference; measured with car sitting on a level surface, using lines tangent to arcs of front and rear static loaded radii and intersecting at point on underside of car which defines the smallest angle.
- H153 REAR AXLE DIFFERENTIAL SYSTEM TO GROUND is a minimum clearance.
- H156 MINIMUM RUNNING GROUND CLEARANCE. Location of measurement on the car is to be clearly recorded.

MVMA Specifications Form

Passenger Car

Interior Car And Body Dimensions — Key Sheet

Dimension Definitions

Front Compartment Dimensions

- L31 H POINT TO VERTICAL ZERO LINE — FRONT. is a horizontal dimension.
- H61 EFFECTIVE HEAD ROOM — FRONT. The dimension from H Point to the headlining, plus a constant of 4.0 inches, measured along a line 8° to rear of vertical.
- H75 EFFECTIVE T POINT HEADROOM — FRONT. The arc dimension from the T Point to the headlining plus 30 inches.
- L34 MAXIMUM EFFECTIVE LEG ROOM — ACCELERATOR. Measured along a diagonal line from the Manikin ankle pivot center to the H Point plus a constant of 10.0 inches. For treadle type accelerator pedals, the leg room is measured with the Manikin's right foot on the accelerator pedal and the Manikin Heel Point at Accelerator Heel Point. All other types of accelerator pedals will be measured with the Manikin foot angle set at 87° and the shoe touching the pedal.
- H30 H POINT TO HEEL POINT — FRONT. The vertical dimension from the H Point to the Accelerator Heel Point.
- L17 H POINT TRAVEL. The horizontal dimension between the H Point in the most forward and rearward seat positions.
- W3 SHOULDER ROOM—FRONT. The minimum dimension measured laterally between the trimmed surfaces on the "X" plane through the H-point—front within the belt line to 10 inches above the H-point—front.
- W5 HIP ROOM—FRONT. The minimum dimension measured laterally between the trimmed surfaces on the "X" plane through the H-point—front within 1.0 inches below and 3.0 inches above the H-point height and 3.0 inches fore and aft of the H-point.
- H50 UPPER BODY OPENING TO GROUND — FRONT. The vertical dimension from a point on the trimmed body opening to the ground, measured at the H Point station.
- H18 STEERING WHEEL ANGLE — VERTICAL. 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 H-Point-Front and the torso line.

Rear Compartment Dimensions

- L50 H POINT COUPLE DISTANCE. The horizontal dimension from the front seat H Point to the rear seat H Point.
- H63 EFFECTIVE HEAD ROOM — REAR. The dimension from the H Point to the headlining, plus a constant of 4.0 inches, measured along a line 8° to rear of vertical.
- H76 EFFECTIVE T POINT HEADROOM — REAR. Measured in the same manner as H75.
- L51 MINIMUM EFFECTIVE LEG ROOM — REAR. Measured along a diagonal line from the ankle pivot center to the H

Point plus a constant of 10.0 inches, with the foot positioned to the nearest interference between the seat structure and toe, instep or lower leg.

- H31 H POINT TO HEEL POINT — REAR. The vertical dimension from the H Point to the Manikin Heel Point on the depressed floor covering.
- L48 KNEE CLEARANCE. The minimum dimension measured from the knee pivot center to the back of front seatback minus 2.0 inches.
- L3 REAR COMPARTMENT ROOM. The horizontal dimension from the back of front seat to front of rear seat back at height tangent to the top of rear seat cushion.
- W4 SHOULDER ROOM—SECOND. The minimum dimension measured laterally between trimmed surfaces on the "X" plane through the H-point—second within 10.0-16.0 inches above the H-point—second.
- W6 HIP ROOM—SECOND. Measured in the same manner as W5.
- H51 UPPER BODY OPENING TO GROUND — REAR. The vertical dimension from a point on the trimmed body opening to the ground, measured 13.0 inches forward of the H Point.

Luggage Compartment Dimensions

- V1 LUGGAGE CAPACITY — USABLE. The total luggage compartment luggage capacity in cubic feet with the tire and tools in place.
- H195 LIFTOVER HEIGHT. Vertical dimension from the highest point on the luggage compartment lower opening to ground, excluding corner radii.

Station Wagon — Third Seat Dimensions

- W85 SHOULDER ROOM—THIRD. Measured in the same manner as W4.
- W86 HIP ROOM—THIRD. Measured in the same manner as W5.
- L86 EFFECTIVE LEG ROOM — THIRD SEAT. Measured along a diagonal line from ankle pivot center to H Point plus a constant of 10.0 inches. With rear-facing third seat, foot is positioned in foot well or to nearest interference with rear end or rear closure.
- H86 EFFECTIVE HEAD ROOM — THIRD SEAT. The dimension from H Point to the headlining, plus a constant of 4.0 inches. Measured along a line 8° to rear of vertical.
- H89 EFFECTIVE T POINT HEADROOM — THIRD SEAT. Measured in the same manner as H75.

MVMA Specifications Form

Passenger Car

Interior Car And Body Dimensions — Key Sheet

Dimension Definitions

Station Wagon — Cargo Space Dimensions

- L202 CARGO LENGTH AT FLOOR — FRONT SEAT. The horizontal dimension, measured at the floor level from the rear of the front seat back to the normal inside limiting interference on the tailgate, on the car centerline.
- L204 CARGO LENGTH AT BELT — FRONT SEAT. The horizontal dimension measured from the top rear of front seat back to a vertical extension line from the normal inside limiting interference at the top of the tailgate, on the car centerline.
- W201 CARGO WIDTH — WHEELHOUSE. The minimum horizontal dimension, measured between wheelhousings at floor level.
- W204 OPENING WIDTH AT BELT. The minimum horizontal dimension, measured between the nearest normal inside limiting interferences of the rear opening at the top of the tailgate.
- H201 MAXIMUM CARGO HEIGHT. The maximum vertical dimension, measured from the top of the floor covering to the headlining, on the car centerline.
- H202 REAR OPENING HEIGHT. The vertical dimension measured from the top of the floor covering to the normal inside limiting interference at the top of the rear opening, on the car centerline, with both tail and liftgates fully open.
- V2 CARGO VOLUME INDEX BEHIND FRONT SEAT. The total volume in cubic feet above the normal load floor and behind the front seat with the liftgate and tailgate closed.

$$\frac{W4 \times L204 \times H201}{1728}$$

Hatch Back — Cargo Space Dimensions

All hatch back cargo dimensions are to be taken with the front seat in full down and rear position, and the rear seat folded down. The hatch back door is in the closed position (For electrically adjusted seats, see manufacturer's specifications for Design 'H' Point).

- H197 FRONT SEAT BACK TO LOAD FLOOR HEIGHT. The dimension measured vertically from the horizontal tangent to the top of the seat back to the undepressed floor covering.
- L208 CARGO LENGTH AT FRONT SEAT BACK HEIGHT. The horizontal dimension measured from the top rear of front seat back to the inside limiting interference of the hatch back door on the car centerline.
- L209 CARGO LENGTH AT FLOOR — FRONT SEAT. The horizontal dimension measured at floor level from the rear of the front seat back to the normal limiting interference of the hatch back door on the car centerline.
- V3 HATCH BACK — CARGO INDEX VOLUME. Hatch back cargo index volume is to be determined by the following formula, and expressed in terms of cubic feet.

$$\frac{\frac{L208 + L209}{2} \times W4 \times H197}{1728}$$

MVMA Specifications Form

Passenger Car

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