2731CAMA-75

GENERAL

ORIGINAL COPY

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 H 5 N 500001

- 500001 – Sequential No.
- N – Assembly Plant (*)
- 5 – Model Year 1975
- H – Engine Type (**)
- 87 – Body Style (last two digits of model Number)
- Q – Car line and Series (***)
- 1 – Make ("1" for Chevrolet)

*N – Norwood–Chevrolet

**D – L6-250 (105 H.P.) L – V8-350 (155 H.P.)
H – V8-350 (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 V8-350 (145 H.P.) engine would bear VIN Number 1Q87H5N500025.

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

TRANSMISSION IDENTIFICATION

Example: S5E01

Type Designation	Source Designation	Model Year 1975	Production° Month & Date
CH	S (Muncie)	5	E01D*

CH	3-Speed	L-6 engine	S - Muncie
CD	3-Speed	V-8 engine	S - Muncie
WC	4-Speed	V-8 engine	R - Muncie
TZ	Turbo Hydra-matic	L-6 engine	B - Cleveland
			Y - Toledo
YA	Turbo Hydra-matic	V-8 engine	B - Cleveland
			Y - Toledo

Location:

3-Speed . . . . . Stamped on left side just below cover.

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

Turbo Hydra-matic (Chevrolet) . . . . . Stamped on left hand side of pan.

Turbo Hydra-matic . . . . . Nameplate tag on right hand side of case.

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

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

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

ENGINE IDENTIFICATION

Example: F1210CJU

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

250 Cubic Inch 6-Cylinder

CJU - Regular engine, 3-speed
CJT - Regular engine, Turbo Hydra-matic (Chevrolet)

350 Cubic Inch 8-Cylinder (RPO L65)

CMU - Optional engine, 3-speed, 2-bbl. carb.
CRX - Optional engine, Turbo Hydra-matic (Chevrolet)

350 Cubic Inch 8-Cylinder (RPO LM1)

CKH - Optional engine, 3-speed, 4-bbl. carb.
CRC - Optional engine, 4-speed, 4-bbl. carb.
CHW - Optional engine, Turbo Hydra-matic (Chevrolet)

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

PT – 2.56 Axle
PU – 2.73 Axle
PW – 3.08 Axle
PY – 3.42 Axle

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

See Power Train Section for additional Information.

STANDARD EXTERIOR EQUIPMENT LIST

FRONT	Standard 1FQ87	Type LT 1FS87	Style Trim RPO Z21
Header Panel Center Mounted Crest (C)	X	X	X
Header Mounted Parking Lamp with Clear Lens and Amber Bulb (C)	X		
Header Mounted Parking Lamp with Bright Vertical Bar and Bezel (C)		X	O
Single "Power-Beam" Headlamps (C)	X	X	X
Argent Headlamp Bezel with Bright Rim (C)	X	X	X
Argent Colored One-piece Radiator Grille (C)	X	X	X
Bright Moldings on Header Panel, Surrounding Grille (C)		X	
Lower Grille, Valance Panel Mounted, Argent (C)	X	X	X
Bright Valance Panel Molding, along lower surface and at ends of Lower Grille (C)		X	
Black Bumper Filler Panel with Matte Finish (C)	X	X	X
One-piece Bumper with Bright Anodized Finish (C)	X	X	X
License Plate Mounting Provision on Bumper near RH Outboard End (C) *	X	X	X
Front Bumper Impact Strips, Reinforced Rubber, Black Accented (C)	X	X	X
Bright Top and Side Windshield Reveal Molding (F)	X	X	X
Two-Speed Windshield Wipers and "Demand Type" Washers (F)	X	X	X
Non-depressed Park – Dull Chrome Wiper Arms and 16" Blades (F)	X		X
Concealed Black Chrome Finished Wipers – Articulated Left Blade and 18" Wiper Blades (F)		X	
Bright Hood and Fender Upper Edge Molding (C)			O

*Provided only for States requiring front license plates.

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

EXTERIOR EQUIPMENT

	Standard 1FQ87	Type LT 1FS87	Style Trim RPO Z21
SIDE			
Front Marker Lamp with Amber Lens–No Bezel (C)	X	X	X
Front Fender Nameplate "Camaro"–Block Lettering (C)	X	X	X
Sail Panel "Type LT" Emblem (C)		X	
Rectangular LH Rear View Mirror (C)	X		X
Sport Mirrors In Body Color for "Type LT" (F)		X	
Bright Chrome Flush Door Handles (F)	X	X	X
Body Colored Tape Insert on Flush Door Handles (F)			O
Bright Wide Rocker Panel Molding (C)	X		X
Bright Body Lock Pillar Vertical Molding (F)			O
Bright Lower Window Sealing Strip Bead (F)	X	X	
Bright Body Lock Pillar Vertical Seal Retainer (F)	X	X	
Bright Roof Drip Moldings (F)			O
Bright Door Belt Reveal Molding (F)			O
Hub Cap – (C)	X		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 Deck Lid Centerline (F)	X	X	X
Rear End Panel "Type LT" Emblem Between License and RH Tail Lamp (F)		X	
Bright Horizontal Moldings on Rear End Panel, along Upper and Lower Edges (C)		X	
Bright Rear Window Reveal Moldings (F)	X	X	X
Wrap-around Tail Lamp Unit with Bright Outer Bezel Incorporating Stop, Directional, Rear Marker, and Back-up Lamps (C)	X	X	X
Black Rear Bumper Face Bar to Body Filler (C)	X	X	X
Rear Bumper Impact Strips – Reinforced Rubber, black accented (C)	X	X	X

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

INTERIOR EQUIPMENT

	Standard (HFQ87 Model)	Type LT (HES87 Model)	Interior Decor/Quiet Sound Group RPO Z54
ROOF AND PILLARS			
Vinyl Coated Headlining–Perforated, One-Piece (F)	X	X	X
Trim Color Windshield Header, Pillar, Roof Side Rails, and Rear Window Moldings (F)	X	X	X
Black 10-Inch Prismatic Rear View Mirror with Black Padded Edge (C)	X	X	X
Black Rear View Mirror Support, Windshield Mounted (F)	X	X	X
Padded Sunshades (F)	X	X	X
Trim Color Plastic Coat Hooks (F)	X	X	X
Center Dome Lamp with Bright Bezel (F)	X	X	X
Door Jamb Dome Lamp Switches (F)	X	X	X
Black Front Seat Shoulder Belt Retractor Reels, Mounted Above Roof Rails (F)	X	X	X
Optional Color Coordinated Front Seat Shoulder Belt Retractor Reels, Mounted Above Roof Rails (F) *	X	X	X
SEATS AND FLOOR COVERING			
Full Foam Bucket Front Seats with Integral Head Restraints and Shoulder Belt Guides (F)	X	X	X
Deluxe Seat Trim (Specific front seat construction) (F)		O	
Leather Seat Trim (F)		RPO Z50	
Rear Seat–Dual Cushions with Single, Full-width Backrest – Full Foam Construction (F)	X	X	X
Black Front Seat Adjuster Handle (F)	X	X	X
Black Front Seat Back Latch (F)	X	X	X
Passenger Compartment Floor Covering-Carpet (F & C)	X	X	X
Luggage Compartment Spatter Paint (F)	X	X	X
Luggage Compartment Rubber Floor Mat with Felt Backing (F)	X	X	X
Front and Rear Seat Belts – Four – Base, Black with Black Die-Cast Metal Buckles, Locking Retractors (F)	X	X	X
Front and Rear Seat Belts – Four-Optional, Color-Coordinated Belts with Color-Keyed Die-Cast Metal Buckles, Locking Retractors (F) *	X	X	X
Front Shoulder Belts – Two – Base, Black, Non-detachable (F)	X	X	X
Front Shoulder Belts – Two – Optional, Color-Coordinated, Non-detachable (F) *	X	X	X
Trim Color Seat Back Hinge Arm Cover (F)	X	X	X
DOOR AND QUARTER PANEL			
Injection Molded Lower Door Trim Panel Incorporating Built-in Padded Armrest, Front and Rear Stowage Compartments and Coin Receptacle (F)	X		X
Deluxe Door Trim Panel Incorporating Padded Arm Rest with Integral Door Pull Bar, Built-In Map Pocket and Black Accent Strip (F)		O	
Deluxe Door Trim Panel, Similar to Above, with Vinyl Center portion, incorporating vertical sew lines (F)		RPO Z50*	
Built-in Rear Quarter Panel Armrest (F)	X	X	X
Clear Plastic Window Control Handle Knobs (F)	X	X	X
Bright Door Lock Buttons (F)	X	X	X
Vinyl and Plastic Quarter Trim (F)	X	X	X
Soft Feel Vinyl Door Upper Trim Panel (F)	X		X
Recessed Chrome Finish Door Handle (F)	X	X	X
Color-Coordinated Plastic Inside Door Handle Cup (F)	X		X
Bright Inside Door Handle Cup (F)		O-N	
MISCELLANEOUS			
Additional Body Insulation (F)		O	O
Full Molded Hood Insulation (F)		O	O
Cowl to Fender Seal (C)		O	O
Black Transmission Shift Lever Knob with Insert White Shift Pattern	X	X	X
Floor-mounted Transmission Shift Lever (C)	X	X	X

NOTES: "O" Indicates deviation from standard equipment, but included with the specific model or in the optional package.
(*) Requires RPO AK1 Deluxe Seat Belts and Shoulder Harnesses; not available with black interior.

INTERIOR EQUIPMENT

INSTRUMENT PANEL AND STEERING WHEEL	Standard (1FQ87 Model)	Type LT (1FS87 Model)	Interior Decor/Quiet Sound Group RPO Z54
Trim Color Instrument Pandl Pad (C)	X	X	X
Black Accented Beige Painted Instrument Cluster (new color) (C)	X		
Wood Grain Applique on Instrument Cluster – no bright work (C)		O-N	O-N
Lower Instrument Panel, Ash Tray Face Plate and Glove Box Door, Color-Coordinated (C)		X	
Glove Compartment Door Lock (C)	X	X	X
"Camaro" Glove Compartment Nameplate–Script (C)	X	X	X
Black Side Kick-pad Ventilation Control Knob (F)	X	X	X
Black Astro-Ventilation Control Knob (F)	X	X	X
T-Handle Parking Brake Release (C)	X	X	X
Instrument Panel Ventilation Outlets (F)	X	X	X
Windshield Wiper and Washer Switch Nomenclature–Illuminated (Slide-Type, Depress to Wash) MVSS No. 101	X	X	X
Lighting Control Knob – Black Soft Vinyl with Symbol (C)	X	X	X
Radio Control Knobs – Black Soft Vinyl with Symbols (C)	O-*	O-*	O-*
Speedometer, Odometer, and Fuel Gauge (C)	X	X	X
Temperature, Generator, Oil Pressure and Brake Warning Tell-Tale Lights (C)	X		X
"Fasten Seat Belt" Lamp in Instrument Panel	X	X	X
Hi-Beam and Turn Signal Indicators (C)	X	X	X
Glove Compartment Lamp (C)		O	O
Shift Quadrant Cover Plate (used with manual transmission) (C)	X	X	X
Clock Hole Cover (C)	X		X
Radio Hole Cover (C)	X	X	X
Ash Tray (C)	X	X	X
Cigarette Lighter Knob – Black Soft Vinyl with Symbol (C)	X	X	X
Blended Air Heater with Illuminated Control Plate (C)	X	X	X
Black Steering Column (C)	X		X
Color-Coordinated Steering Column (C)		X	
Black Four-Spoke Sport Vinyl Steering Wheel with Crest at Center (C)	X		X
Color-Coordinated Four Spoke Vinyl Steering Wheel with Specific Type LT Insert (C)		X	
Steering Column Ignition Switch with Integral Steering Wheel, Transmission, and Seat Belt Inter-locks (C)	X	X	X
Hazard Flasher Knob – Black (C)	X	X	X
Soft Black Turn Signal Knob (C)	X	X	X
Argent Finish Accent Beads on Lower Instrument Panel (C)			X
One Low-Note Horn (C)	X	X	X
Additional Instrument Cluster Lighting (C)			O
Special Instrumentation Package (RPO U14)		X	

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

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

EXTRA COST EQUIPMENT

EQUIPMENT	RPO	ACC.
Adjustable Seat Back Equipment: Driver's Seat only	AN6	
Air Conditioning, Four-Season: V8 models only (See page 12 for content)	C60	
Battery, heavy duty	UA1	
Belts, seat and shoulder: in addition to or replacing standard belts.		
Custom deluxe belts:		
4 Seat and 2 shoulder, Color-Keyed to interior.		
Not available with black interior.	AK1	
Shoulder belts – 2 rear: (Black only)		ACC
Bumper guards – Front and rear	V30	
Console, floor	D55	
Glass, Soft-Ray tinted: all windows	A01	
Horns, Dual	U05	
Instrumentation, special: V8 only	U14	
Lighting, auxiliary:	ZJ9	
Courtesy lights		
Glove compartment light		ACC
Luggage compartment light		ACC
Ash tray light		
Underhood light		ACC
Mirror, Sport – LH (Remote Control) & RH (Manual)	D35	
Moldings, body side	B84	
Radiator, heavy duty: V8 only (Included with RPO C60)	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
Speaker, rear seat	U80	ACC
Windshield antenna (When no radio is ordered)	U76	
Roof cover, vinyl – Includes bright drip molding	C09	
Spoilers, rear deck and Front Valance	D80	
Steering wheel, Comfortilt:		
Available only when automatic transmission is ordered	N33	
Suspension and styled wheel, Sport (incl. 15" wheel)		
Tire, Space Saver Spare	N65	
Windshield wipers – Hide-away (18" blades, LH articulated; black chrome finish)	C24	
Wheel covers, full:	P01	
Wheels, rally (14 x 6 or 14 x 7)	ZJ7	
Wheels, Turbine I	PE1	
Windshield Glass – Tinted (Fleet use only)	A02	

FACTORY-INSTALLED REGULAR PRODUCTION TIRES

FR78-14 – steel belted radial ply, white stripe	QDW
FR78-14 – steel belted radial ply, white lettered	QRT
E78-14B – bias belted, highway blackwall	QEG
E78-14B – bias belted, white stripe	QEH

EQUIPMENT	RPO	ACC.
FEATURE ITEMS		
Door edge guards	B93	ACC
Color-keyed floor mats – 2 Front, 2 Rear	B37	ACC
Visor vanity mirror	D34	ACC
Electric clock	U35	
Rear window defogger (Forced Air)	C50	ACC
MODEL OPTIONS		
Exterior sports decor package (see page 11 for content)	Z08	
Exterior style trim option (see page 11 for content)	Z21	
Interior decor/quiet sound group (see page 11 for content)	Z54	
POWER TEAMS		
Turbo-Fire 350 V8	L65	
Turbo-Fire 350 V8	LM1	
4-Speed manual transmission – wide Ratio: Optional V8 only	M20	
Turbo Hydra-matic transmission	M38	
Axle, Positraction	G80	
POWER ASSISTS		
Brakes, power	J50	
Windows, power (Requires D55 Floor console)	A31	
Door lock system, power	AU3	
Axle, high altitude	G92	
Axle, highway	G95	

RPO Z08 AND Z21 AND Z54

MODEL AVAILABILITY
CAMARO (1FQ87 & 1FS87)

Z08 EXTERIOR SPORTS DECOR PACKAGE

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

EXTERIOR
Sport Mirrors, LH & RH, body colored (LH, remote control, RH, manual control)
Insert (body colored tape) on Door Handles
Bumper Applique, body colored tape on lower portion of front & rear bumpers

MODEL AVAILABILITY
CAMARO (1FQ87 & 1FS87)

Z21 STYLE TRIM OPTION

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

EXTERIOR
Bright Bezel and Vertical Bar on Parking Lamps
Bright Deluxe Belt Molding
Bright Roof Drip Molding
Bright Vertical Lock Pillar Molding
Colored Insert on Door Handles
Bright Hood & Fender Upper Edge Moldings

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

Z54 INTERIOR DECOR/QUIET SOUND GROUP

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 Insulation, including:
- Cowl-to-Fender Seals
- Floor Fully Covered with Deadener and/or Insulation
- Full Molded Hood Insulation

Bright Horizontal Bead Separating Upper and Lower Instrument Panel
Lower Instrument Panel
Carryover Feature with Revised Styling:
Wood Grain Applique (restyled) on instrument Cluster Carrier and Bright Cluster Accents Eliminated

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

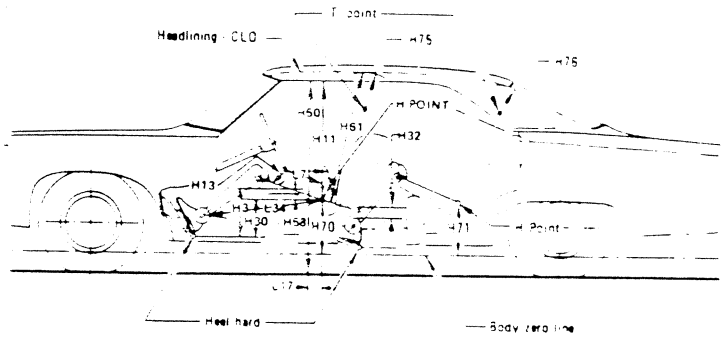
Front and Rear Springs	Heavy duty
Rear Axle Ratio - Refer Power Trains Section	

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	Heavier duty

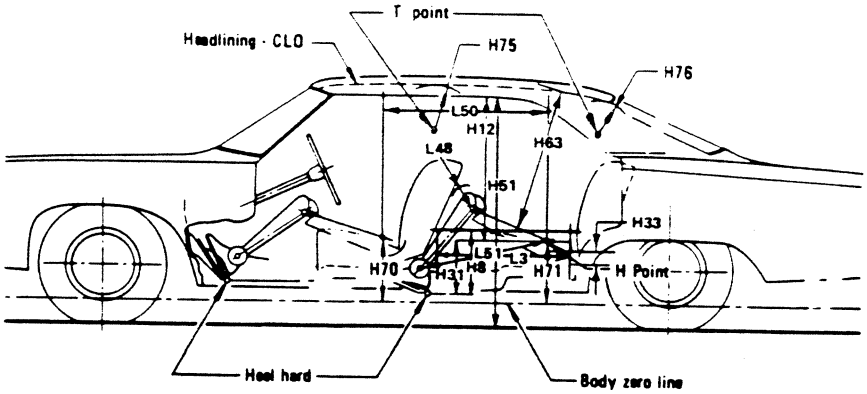
DIMENSIONS AND WEIGHTS

INTERIOR DIMENSIONS



FRONT COMPARTMENT

CODE	DESCRIPTION	2-DOOR SPORT COUPE
H3	Seat cushion height	3.2
H11	Entrance height	29.6
H13	Steering wheel thigh clearance	4.3
H30	H point to heel point	9.9
H32	Seat cushion deflection	2.4
H50	Upper body opening to ground	45.7
H58	H point rise	6.9
H61	Effective headroom	37.3
H70	H point to body O line	10.9
H75	Effective 'T' point headroom	37.5
W3	Shoulder room	56.7
W5	Hip room	56.7
L7	Steering wheel torso clearance	15.1
L17	H point travel	5.0
L34	Effective leg room	43.9



REAR COMPARTMENT

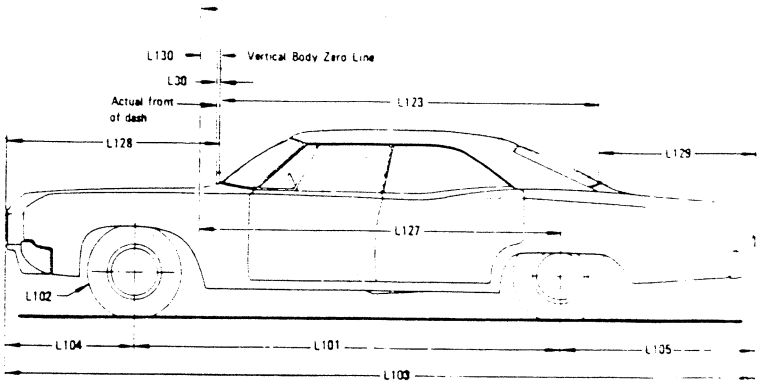
H8	Seat cushion height	10.1
H31	H point to heel point	8.4
H33	Seat cushion deflection	2.6
H63	Effective headroom	36.0
H71	H point to body O line	9.9
H76	Effective 'T' point headroom	35.9
W4	Shoulder room	54.4
W6	Hip room	47.3
L3	Rear compartment room	22.7
L50	H point couple distance	27.3
L51	Effective leg room	29.6

LUGGAGE COMPARTMENT

H195	Liftover height	28.0
V1	Usable luggage capacity (cu.ft.)	6.4*

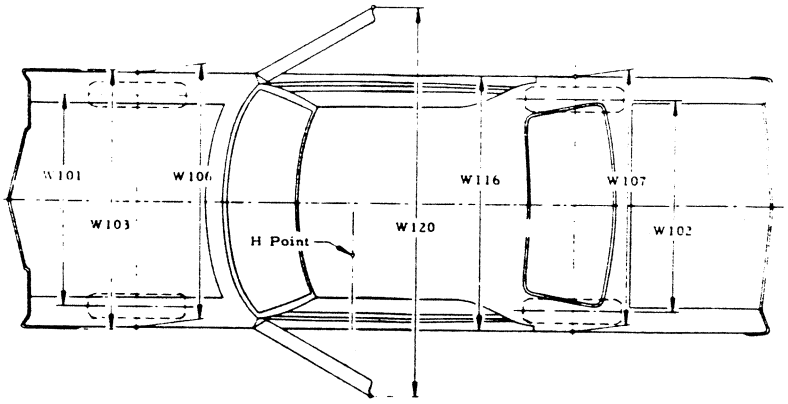
* With space saver tire 7.2 cubic feet

EXTERIOR DIMENSIONS



LENGTHS

CODE	DESCRIPTION	2-DOOR SPORT COUPE
L101	Wheelbase	108.0
L102	Tire size (standard)	FR78-14
L103	Overall length	195.4
L104	Overhang, front	42.0
L105	Overhang, rear	45.4
–	Overall length - less bumpers	187.8
L123	Body upper structure length at car center line	94.4
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	23.9
L130	Body zero plane to windshield cowl point	9.3
L30	Body O line to actual front of dash	1.2

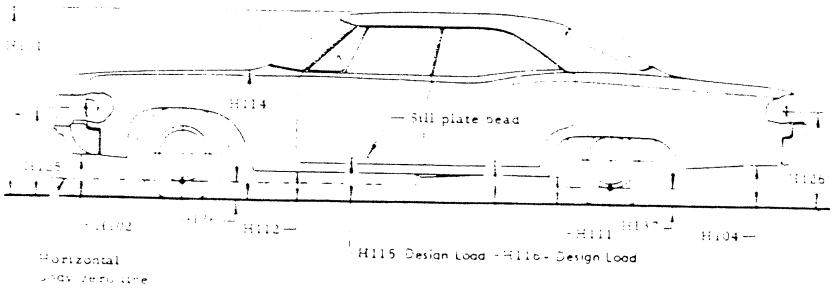


WIDTHS

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

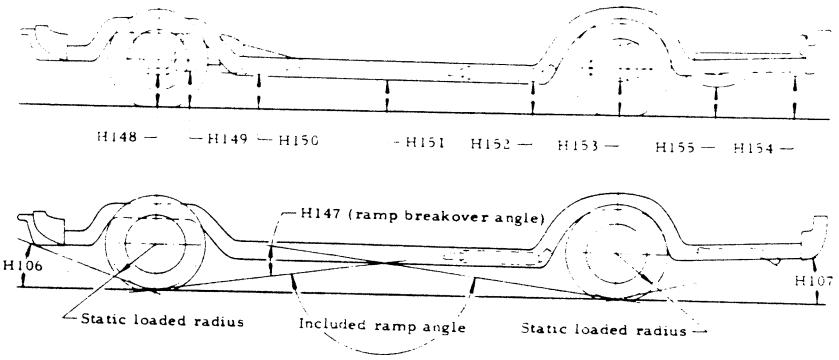
*–W101, (Type LT) Front 61.6, W102, (Type LT) Rear 60.3

EXTERIOR DIMENSIONS



HEIGHTS

CODE	DESCRIPTION	2-DOOR SPORT COUPE
H101	Overall height (design)	49.1
H102	Front bumper to ground	15.1
H104	Rear bumper to ground	12.4
H111	Rocker panel to ground - rear	5.7
H112	Rocker panel to ground - front	6.8
H114	Hood at rear to ground	35.4
H115	Step height - front (design)	16.4
H116	Step height - rear (design)	--
H125	Headlamp to ground	26.0
H126	Tail lamp to ground	22.9
H136	Body O line to ground - front	5.2
H137	Body O line to ground - rear	3.6



CLEARANCES

H106	Angle of approach (degrees)	23°22'
H107	Angle of departure (degrees)	20°13'
H147	Ramp breakover angle (degrees)	15°32'
H148	Front suspension to ground	5.0
H149	Oil pan to ground	5.3
H150	Flywheel housing to ground	5.8
H151	Frame to ground	5.0
H152	Exhaust system to ground	5.0
H153	Rear axle to ground	5.0
H154	Fuel tank to ground	7.2
H155	Tire well to ground	19.0
H156	Minimum ground clearance	5.0 (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	1909	1512	3421	1885	1646	3531
1FS87	350 Cu.In. V8 (L65)	2-Door Sport Coupe	2054	1562	3616	2030	1696	3726

SHIPPING WEIGHT: Weight of basic vehicle with regular equipment, including grease, oil and (4) 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		+ 7
A31	Power Windows		+ 9
B37	Floor Mats, Front & Rear		+ 10
C09	Exterior Padded Vinyl Roof		+ 5
C60	Air Conditioning	With V8 engine	+ 93
C50	Defogger, Rear Window		+ 9
D55	Floor Console	With 3-Speed Transmission	+ 5
		With 4-Speed Transmission	+ 5
		With Turbo Hydra-Matic Trans.	+ 11
D80	Spoilers, Front and Rear		+ 11
J50	Power Brakes		+ 12
PE1	Turbine I Wheels (urethane styled steel)		+ 32
U58	Radio AM/FM Stereo		+ 15
U63	Radio AM Pushbutton		+ 7
U69	Radio AM/FM Pushbutton		+ 8
UA1	Heavy Duty Battery	With L6 Engine	+ 12
		With V8 Engine	+ 2
ZJ7	Spec. Whl. Hub Cap & Trim Ring		+ 18
Z54	Interior Decor/Quiet Sound Group		+ 18
Z86	Sport Suspension and Styled Wheels	With L65 and LM1	+ 32
Base	250 Cu.In. 6 Cyl. Engine	With Turbo Hydra-matic Trans.	+ 23
L65	350 Cu.In. V8 Engine	With Turbo Hydra-matic Trans.	+ 134
LM1	350 Cu.In. V8 Engine	With 4-Speed Transmission	+ 121
		With Turbo Hydra-matic Trans.	+ 138

BODY

EXTERIOR PAINT PROCESS

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

2. BODY 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 inhubiting 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	MODEL AVAILABILITY IFQ IFS
Silver Metallic	Silver Metallic	X
	Black	–
	Bright Blue Metallic	X
	Dark Blue Metallic	X
	Red Metallic	X
Black C/O	Light Graystone	–
	Red Metallic	–
	All available colors	X
White C/O	White	–
	Light Graystone	–
	Dark Blue Metallic	–
	Dark Green Metallic	–
	Sandstone	–
	Medium Blue	–
	Dark Sandstone Metallic	–
	Red Metallic	–
	All available colors	X
Dark Blue	White	X
	Silver Metallic	X
	Medium Blue	X
	Dark Blue Metallic	X
	Bright Blue Metallic	X
Medium Green C/O	White	X
	Medium Green	X
	Dark Green Metallic	X
Sandstone	White	X
	Dark Green Metallic	X
	Cream-Beige	X
	Sandstone	X
	Dark Sandstone Metallic	X
	Dark Brown Metallic	–
	Russet Orange Metallic	–
Cordovan – Production Name Dark Brown – Sales Name	White	X
	Sandstone	–
	Dark Sandstone Metallic	–
	Light Saddle Metallic	X
	Persimmon Metallic	X
	Russet Orange Metallic	–
	Orange Metallic	–
Maroon – Production Name Dark Red – Sales Name	White	X
	Silver Metallic	X
	Light Graystone	X
	Red Metallic	X
	Black	–
Red	White	X
	Red	X

1975 CHEVROLET CAMARO 'F' INTERIOR–EXTERIOR COLOR COMBINATIONS

MODEL	Seat Type	INTERIOR TRIM						
		Black						Medium Graystone
		Vinyl	* Vinyl /Red	Vinyl with White Seats	Vinyl with White Seats /Red*	Cloth	* Cloth /Red	Knit Cloth
Standard – 1FQ00 Coupe (87)	Bucket	19V	19V	91V	91V	19C	19C	
Type LT – 1FS00 Coupe (87)	Bucket	–	–	–	–	–	–	15D
EXTERIOR COLORS	Color Code							
White C/O	11	X	X	X	X	X	X	X
Silver Metallic	13	X	–	X	–	X	–	–
Light Graystone	15	X	–	X	–	X	–	X
Medium Blue	24	X	–	X	–	X	–	–
Bright Blue Metallic	26	X	–	X	–	X	–	–
Dark Blue Metallic	29	X	–	X	–	X	–	X
Medium Green C/O	44	X	–	X	–	X	–	–
Dark Green Metallic	49	X	–	X	–	X	–	X
Cream-Beige C/O	50	X	–	X	–	X	–	–
Bright Yellow C/O	51	X	–	X	–	X	–	X
Sandstone	55	X	–	X	–	X	–	–
Dark Sandstone Met.	58	X	–	X	–	X	–	–
Light Saddle Met.	63	X	–	X	–	X	–	–
Persimmon Met.	64	X	–	X	–	X	–	–
Red Metallic C/O	74	X	–	X	–	X	–	X
Red C/O	75	X	X	X	X	X	X	–

NOTE: Solid exterior color combinations (except vinyl top) may be obtained with non-recommended interior combinations when ZP2 override is specified. Two Tones are not available on the Camaro.

* – Carpet selection: Accent Red – 75F.

1975 CHEVROLET CAMARO 'F' INTERIOR–EXTERIOR COLOR COMBINATIONS

MODEL	Seat Type	INTERIOR TRIM									
		Dark Saddle				Medium Sandstone				Dark Oxblood	
		Vinyl	Knit Vinyl	Knit Cloth	Leather	Vinyl	Knit Vinyl	Cloth	Knit Cloth	Knit Cloth	Leather
Standard – 1FQ00 Coupe (87)	Bucket	63V				55V		55C			
Type LT – 1FS00 Coupe (87)	Bucket		63W	63D	632		55W		55D	73D	732
EXTERIOR COLORS	Color Code										
White C/O	11	X				X				X	
Silver Metallic	13	–				–				X	
Light Graystone	15	X				–				X	
Medium Blue	24	–				–				–	
Bright Blue Metallic	26	–				–				–	
Dark Blue Metallic	29	–				–				–	
Medium Green C/O	44	–				–				–	
Dark Green Metallic	49	X				X				–	
Cream-Beige C/O	50	X				X				–	
Bright Yellow C/O	51	–				–				–	
Sandstone	55	X				X				–	
Dark Sandstone Met.	58	X				X				–	
Light Saddle Metallic	63	X				–				–	
Persimmon Metallic	64	X				X				–	
Red Metallic C/O	74	–				–				X	
Red C/O	75	X				X				–	

NOTE: Solid exterior color combinations (except vinyl top) may be obtained with non-recommended interior combinations when ZP2 override is specified. Two Tones are not available on the Camaro.

BODY CONSTRUCTION AND GLASS AREA

GENERAL

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

DOORS AND LOCKS

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

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

HOOD AND TRUNK LID

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

Hood release . . . . . External

VENTILATION

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

SEATS

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

Construction

All seat cushions and backrests . . Formed polyfoam

WINDSHIELD WIPERS

Type . . . . . Dual, 2-speed electric; non-depressed park with dull-chromed arms and blades; 15-inch blades.

Linkage . . . . . Parallel acting

Optional system . . . . . Same as above except concealed park position, black-chromed 18-inch blades, and articulated left blade.

HEADLIGHTS

Type . . . . . Single Powerbeam headlamps

SPARE TIRE AND TOOLS

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

BODY GLASS VISIBILITY AREA

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

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

CHASSIS

FRAME AND FRONT SUSPENSION

FRAME

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

FRONT SUSPENSION

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

Wheel travel (design)

Total	6.91
Jounce	3.33
Rebound	3.58
Wheel to spring travel ratio	2.04:1

CONTROL ARMS

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

STEERING KNUCKLES

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

Spindle diameters

Inner bearing	1.2493-1.2498
Outer bearing	.7493-.7498
Spindle thread size	3/4-20 UNEF-3A (modified)

Wheel bearings

Type	Taper roller; inner and outer

SPHERICAL JOINTS

Type	Ball stud
Upper	Compression
Lower	Tension

Bearing surfaces

Upper	Teflon-cotton composite on phenolic
Lower	Sintered iron

SHOCK ABSORBERS

Type	Direct, double acting, hydraulic
Piston diameter	1.00

FRONT STABILIZER BAR

Type	Link
Material	HR steel
Diameter	.938

FRONT WHEEL ALIGNMENT (CURB)

Camber (degrees)	
Base models	P1 ± 3/4
Caster (degrees)	
Base models	0 ± 1
Toe In (total)	1/16 ± 1/16
Steering axis inclination	10.35 @ 1° camber

GENERAL SUSPENSION PROVISIONS

Car leveling	Front stabilizer bar
Anti-dive control	Angle of front upper control arm
Anti-squat control	Rear suspension geometry

FRONT SPRINGS

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

FRONT SPRING SPECIFICATIONS

Part Number	Assy. Code	Cut-Off Length	Wire Dia.	Total Coils	Deflection Rate (lbs./inch)	Heights	
						Free	Working (IN. @ Lbs.)
344536	AB	126.89	.633	8.40	300	17.86	11.0 @ 1980
344537	AF	126.92	.633	8.40	300	17.86	11.0 @ 2000
3996362	AF	116.14	.617	7.70	300	16.86	11.0 @ 1740
3996363	AM	126.79	.633	8.40	300	17.06	11.0 @ 1800
3996364	AR	126.82	.633	8.40	300	17.26	11.0 @ 1860
3996365	AU	126.85	.633	8.40	300	17.46	11.0 @ 1920
3998628	CR	139.20	.651	9.20	300	18.06	11.0 @ 2100
3998629	CS	139.23	.651	9.20	300	18.26	11.0 @ 2160
6272883	CU	139.26	.651	9.20	300	18.46	11.0 @ 2220

STEERING, DRIVELINE, WHEELS AND TIRES

STEERING

- Wheel
  - Type . . . . . Oval, 4-spoke splayed
  - Diameter . . . . . 14.25 x 14.75
  - Optional . . . . . Tilt; universally jointed steering shaft at base of steering wheel
- Column . . . . . Energy absorbing – mast jacket, shift tube and steering shaft designed to collapse under various front impact conditions. Gear
- Type - Power . . . . . Integral recirculating ball nut with hydraulic pressure provided from a vane type pump.
  - Ratios, Gear . . . . . 16.0:1 on center to 13.0:1
  - Ratios, Overall . . . . . 15.03:1 on center to 10.61:1
  - Number of wheel turns, lock to lock 2.41
- Linkage . . . . . Parallelogram, front of wheels, (2) tie rods
- Turning Diameters (ft.) outside front
  - Wall to wall 41.1
  - Curb to curb 38.5
- Outside wheel angle with inside wheel @ 20° 19.1

DRIVELINE

- Type . . . . . Straight tube
- Number used . . . . . One
- Diameter (OD) 2.75
- Wall thickness 0.065
- Length (C/L of U-joints)
  - 3-speed manual transmission 48.55
  - 4-speed and automatic transmission 48.1
- Universal Joints
  - Type . . . . . Cross
  - Number used . . . . . Two
  - Bearings . . . . . Prepacked, anti-friction

WHEELS

- Type . . . . . Short spoke spider, steel
- Size
  - Standard model . . . . . 14 x 6
  - Type LT . . . . . 14 x 7 Rally
- Offset
  - 14 x 6 . . . . . 0.50
  - 14 x 7 . . . . . 0.34
- Attachment to Hub
  - Type . . . . . 5 hex nuts
  - Thread size . . . . . 7/16-20 UNF 2-B
  - Bolt circle diameter 4.75

TIRES, STANDARD EQUIPMENT

- Size
  - FR78 x 14B – Steel belted radial
    - Static loaded radius 11.6
    - Loaded rev/mi @ 45 mph 797
    - Capacity @ 24 psi 1280

TIRES, OPTIONAL EQUIPMENT

- Size
  - E70 x 14B – Bias belted
    - Static loaded radius 12.4
    - Loaded rev/mi @ 45 mph 796
    - Capacity @ 24 psi 1271

REAR AXLE

Description . . . . . Three piece housing includes integral cast iron differential carrier and housing with two pressed-in and welded steel tubes. Semi-floating axle shafts. Differential carrier contains hypoid overhung pinion and ring gear. Drive pinion supported by two taper roller bearings.

Drive pinion vertical offset 1.75

Drive pinion bearing adjustment . . . . . Shim

Hypoid gear PD . . . . . (See Power Train Section page 2 for application)

All axles 8.50

Lubricant

Type . . . . . Military Spec. MIL-L-2105-B

Viscosity . . . . . SAE 80

Capacity (pts) 4.25

AXLE SHAFT

Description . . . . . Forged and hardened steel with integral drive flange

Wheel bearings . . . . . Single row cylindrical roller

Oil seal . . . . . Steel encased, spring loaded synthetic rubber

RING AND PINION GEARS

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

POSITRACTION DIFFERENTIAL

(See Power Train Section)

Type . . . . . 2 pinion with single disc clutch

REAR SUSPENSION

Description . . . . . Salisbury rear axle with multiple leaf springs.

Wheel travel (design)

Total . . . . . Left 8.70; Right 9.08

Jounce 2.44

Rebound . . . . . Left 5.85; Right 6.23

Wheel to spring, travel ratio 1:1

SHOCK ABSORBERS

Type . . . . . Direct, double acting, hydraulic

Piston diameter 1.00

Mounting . . . . . Staggered fore and aft of rear axle.

REAR SPRINGS

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

REAR SPRING SPECIFICATIONS

Part Number	Number of Leaves	Length	Width	Assy. Code	Deflection Load @ Rate (lbs./in.)	Deflection Load @ .71 Spring Camber (lbs.)
477572	5	56.0	2.5	DP	94	765
480879				PB	89	645
480880				PC	92	695
480881				PE	94	765
480882				PD	94	730
493689				SZ	99	800

General	Type		Front – Disc; Rear – Drum	
			Manual – Standard	Power – Optional
	Sytem		Dual circuit hydraulic system with warning light and self-adjusting features - metering and proportioning valves provide balance between front and rear wheels.	
Front Brakes	Type		Disc – single piston floating caliper	
	Material		Cast iron – vented	
	Diameter and Width		11.0 x 1.03	
	Lining material		Compression molded asbestos composition	
	Method of attachment		Riveted	
	Lining size (length x width x thickness)	Inboard	5.40 x 1.92 x 0.46	
		Outboard	5.40 x 1.92 x 0.46	
	Lining area (sq. in.)		41.47	
	Effective area (sq. in.)		36.8	
	Swept area (sq. in.)		210.4	
	Piston diameter		2.94	
Rear Brakes	Type		Drum – Composite, web cast into rim, finned construction	
	Material		Web – HR steel, Rim – cast alloy iron	
	Diameter and Width		9.5 x 2.0	
	Lining material		Molded asbestos composition	
	Method of attachment		Bonded	
	Lining size (length x width x thickness)	Primary	9.01 x 2.00 x 0.20	
		Secondary	9.75 x 2.00 x 0.20	
	Lining area (sq. in.)		75.04	
	Effective area (sq. in.)		66.71	
	Swept area (sq. in.)		116.06	
	Piston diameter		.875	
Apply System	Master cylinder diameter		1.00	1.125
	Piston travel		1.253	1.408
	Pedal travel		7.38	5.44
	Pedal ratio		5.89:1	3.58:1
	Line pressure @ 100 lb. pedal load		550	900
Parking Brake	Type		Mechanical: pull rods and cables operate rear service brakes; parking brake 'ON' warning lamp provided.	
	Control		Pendulum foot pedal; released by "T" handle located on instrument panel to left of steering wheel	
	Total effective area		66.71	

BULBS AND LAMPS	NUMBER REQUIRED AND TRADE NUMBER	CANDLE POWER PER LAMP
Back-up	2-1156	32
Brake warning	1-194	2
Courtesy		
Instrument panel	2-631	6
Direction signal indicators	2-194	2
Dome - Center	1-561	12
Generator indicator	1-194	2
Glove compartment	1-1891 without A/C	2
	1-194 with A/C	2
Headlamp	2-6012	High beam 60W Low beam 50W
Headlamp hi-beam indicator	1-194	2
Heater or air conditioning control	1-1445	2
Instrument cluster		
Dash panel	6-194	2
License plate	2-168	3
Luggage compartment	1-1003	15
Oil pressure indicator	1-194	2
Park & Turn	2-1157 NA	3
Radio	1-1816	3
Seat belt warning	1-194	2
Side Marker - Front	2-194	2
Side Marker - Rear	2-194	2
Tail		
Tail	2-1157	3
Stop and turn		32
Temperature indicator	1-194	2
Underhood lamp	1-93	15
Windshield washer wiper	1-194	2

FUSES AND CIRCUIT BREAKERS

CIRCUIT	TYPE OF PROTECTION	LOCATION AND CIRCUIT*
Air conditioning	[illegible] amp fuse	In line
Back-up lamps	25 amp fuse	Fuse panel (h)
Brake warning lamp	[illegible] amp fuse	Fuse panel (b)
Cigarette lighter	[illegible] amp fuse	Fuse panel (c)
Clock	20 amp fuse	Fuse panel (e)
Courtesy lamps	[illegible] amp fuse	Fuse panel (g)
Defogging unit	20 amp fuse	Fuse panel (e)
Direction signal indicator lamps	20 amp fuse	Fuse panel (b)
Dome lamp	10 amp fuse	Fuse panel (c)
Fuel gage	20 amp fuse	Fuse panel (e)
Generator indicator lamp	10 amp fuse	Fuse panel (c)
Glove compartment lamp	10 amp fuse	Fuse panel (c)
Headlamps	20 amp fuse	Fuse panel (e)
Headlamp hi-beam indicator lamp	Circuit breaker	Light switch
Heater	Circuit breaker	Light switch
Heater control lamp	25 amp fuse	Fuse panel (h)
Instrument cluster lamps	4 amp fuse	Fuse panel (f)
Key warning buzzer	4 amp fuse	Fuse panel (f)
License lamp	20 amp fuse	Fuse panel (e)
Luggage compartment lamp	20 amp fuse	Fuse panel (d)
Oil pressure indicator lamp	20 amp fuse	Fuse panel (e)
Parking lamps	10 amp fuse	Fuse panel (c)
Radio and radio lamp	20 amp fuse	Fuse panel (d)
Radio	10 amp fuse	Fuse panel (g)
Seat belt warning lamp	4 amp fuse	Fuse panel (f)
Seat belt warning buzzer	20 amp fuse	Fuse panel (e)
Side Marker lamp - Front	20 amp fuse	Fuse panel (e)
Side Marker lamp - Rear	20 amp fuse	Fuse panel (d)
Tail lamps	20 amp fuse	Fuse panel (d)
Temperature gage	20 amp fuse	Fuse panel (d)
TCS – Idle stop solenoid	10 amp fuse	Fuse panel (b)
Transmission Downshift	10 amp fuse	Fuse panel (g)
Traffic hazard indicator	10 amp fuse	Fuse panel (g)
Speed cruise control	20 amp fuse	Fuse panel (a)
Stop and turn lamps	20 amp fuse	Fuse panel (b)
Underhood lamp	20 amp fuse	Fuse panel (a)
Vacuum advance	15 amp fuse	In line
Windshield wiper, two-speed	10 amp fuse	Fuse panel (g)
Windshield washer	25 amp fuse	Fuse panel
	4 amp fuse	Fuse panel (f)

* Letter suffix indicates

POWER TRAINS

POWER TEAM COMBINATIONS

ENGINE	TRANSMISSION	MODEL APPLICATION	AXLE RATIOS* BASE	HIGH -WAY	HIGH ALTI-TUDE	RING GEAR
250 Cu. In. L-6 Standard - All States	3-Speed (3.11:1 low) (a)	1FQ87 only	3.08:1			3.50
	Turbo Hydra-matic		2.73:1		3.08:1	
350 Cu. In. V-8 RPO L65 - Not. avail. in California	3-Speed (2.85:1 low) (a)	All Models (Base 1FS87)	2.73:1	2.56:1		3.50
	Turbo Hydra-matic					
350 Cu. In. V-8 RPO LM1 - All States	4-Speed (2.54:1 low) (a)	All Models	3.08:1			3.50
	Turbo Hydramatic			2.56:1		

* Positraction axles available optionally.

(a) Not available in California

MULTIPLICATION FACTORS

WITH MANUAL TRANSMISSIONS

ENGINE	CARBURETION	TRANSMISSION	TOTAL GEAR REDUCTION*					AXLE RATIO
			1st	2nd	3rd	4th	Rev	
250 Cu.In. L-6 Standard	Single Barrel	3-Speed	9.58	5.66	3.08		9.92	3.08
350 Cu.In. V-8 RPO L65	2-Barrel	3-Speed	7.78	4.59	2.73		8.05	2.73
350 Cu.In. V-8 RPO LM1	4-Barrel	4-Speed	7.82	5.54	4.43	3.08	7.82	3.08

WITH AUTOMATIC TRANSMISSIONS

ENGINE	TRANSMISSION	SELECTOR POSITION	TOTAL TORQUE MULTIPLICATION*	AXLE RATIO
250 Cu.In. L-6 Standard	Turbo Hydra-matic	Drive	13.76:1 - 2.73:1	2.73:1
		Low	13.76:1 - 6.88:1	
		Second	13.76:1 - 4.15:1	
		Reverse	10.54:1 - 5.27:1	
350 Cu.In. V-8 RPO L65	Turbo Hydra-matic	Drive	13.76:1 - 2.73:1	2.73:1
		Low	13.76:1 - 6.88:1	
		Second	13.76:1 - 4.15:1	
		Reverse	10.54:1 - 5.27:1	
350 Cu.In. V-8 RPO LM1	Turbo Hydra-matic	Drive	15.52:1 - 3.08:1	3.08:1
		Low	15.52:1 - 7.76:1	
		Second	15.52:1 - 4.68:1	
		Reverse	11.89:1 - 5.94:1	

ENGINE DATA AND RATINGS

GENERAL DATA

Engine		L-6 OHV	V-8 OHV		
Piston Displacement (Cu. In.)		250	350		
Availability		Standard	L65	L	LM1
Number of Cylinders		Six	Eight		
Bore (nominal)		3.875	4.00		
Stroke (nominal)		3.53	3.48		
Compression Ratio		8.25:1	8.5:1		
Taxable (SAE Horsepower)		36.0	41.2		
Firing Order		1-5-3-6-2-4	1-8-4-3-6-5-7-2		
Idling Speed	Manual transmission (in neutral)	800	600		
	Turbo Hydra-matic (in drive)		500		
Comp. Press. (PSI) @ Cranking Speed, Engine Hot		130	160		
Power Plant Mountings	Front		Two, preloaded captive cushion type		
	Rear		One: full shear type		
Measurements	Fan to rear of engine block	34.49	31.55		
	Top of air cleaner to bottom of oil pan	27.76	29.60	28.52	
	Width - including air cleaner	30.68	28.53		

ADVERTISED ENGINE RATING

Engine Designation	L-6 250 Cu. In.	V-8 350 Cu. In.	V-8 350 Cu. In.
Availability	Base	RPO L65	RPO LM1
Carburetor	Single Bbl.	Two Bbl.	Four Bbl.
Net Brake HP @ RPM	105 @ 3800	145 @ 3800	155 @ 3800
Net Torque @ RPM (lb-ft)	185 @ 1200	250 @ 2200	250 @ 2400

L-6 250 CU. IN. ENGINE

Transmission		3-Speed	Turbo Hydra-matic
Rear Axle Ratio		3.08:1	2.73:1
Tire Size		FR78 x 14B	
Crankshaft Revolutions per Mile		2454.8	2175.8
Crankshaft RPM @ 1 MPH	Low	127.2	91.4
	Second	75.3	55.1
	Third	40.9	36.3 (direct)
	Reverse	131.7	70.0
Piston Travel (ft/mile)		1444.2	1280.1

V-8 350 CU. IN. ENGINE (RPO L65)

Transmission		3-Speed	Turbo Hydra-matic
Rear Axle Ratio		2.73:1	2.73:1
Tire Size		FR78 x 14B	
Crankshaft Revolutions per Mile		2175.8	
Crankshaft RPM @ 1 MPH	Low	103.3	91.4
	Second	60.9	55.1
	Third	36.3	36.3 (direct)
	Fourth		
	Reverse	107.0	70.0
Piston Travel (ft/mile)		1262.0	

V-8 350 CU. IN. ENGINE (RPO LM1)

Transmission		4-Speed	Turbo Hydra-matic
Rear Axle Ratio		3.08:1	3.08:1
Tire Size		FR78 x 14B	
Crankshaft Revolutions per Mile		2454.8	
Crankshaft RPM @ 1 MPH	Low	103.9	103.1
	Second	73.6	50.5
	Third	58.9	40.9 (direct)
	Fourth	40.9	
	Reverse	103.9	79.0
Piston Travel (ft/mile)		1423.8	

VEHICLE PERFORMANCE FACTORS

ENGINE	250 CU.IN. 105 HP	350 CU.IN. 155 HP	350 CU.IN. 250 HP
MODEL	1FO87	1FQ87	1FS87
3-SPEED TRANSMISSION			
Performance Weight (pounds)	4131	4255	
Pounds per Net Horsepower	3934	2934	
Pounds per Cu.In. Displacement	16.52	12.17	
Net HP per Cu.In. Displacement	.420	.414	
Power Displacement (cu.ft./mile)	157.39	220.35	
Displacement Factor (cu.ft./ton mile)	76.40	103.45	
4-SPEED TRANSMISSION			
Performance Weight (pounds)			4330
Pounds per Net Horsepower			27.93
Pounds per Cu.In. Displacement			12.37
Net HP per Cu.In. Displacement			.443
Power Displacement (cu.ft./mile)			248.60
Displacement Factor (cu.ft./ton mile)			114.56
TURBO HYDRA-MATIC			
Performance Weight (pounds)	4155	4279	4354
Pounds per Net Horsepower	39.57	29.57	28.09
Pounds per Cu.In. Displacement	16.62	12.23	12.44
Net HP per Cu.In. Displacement	.420	.414	.443
Power Displacement (cu.ft./mile)	157.39	220.35	220.35
Displacement Factor (cu.ft./ton mile)	75.67	103.45	101.08

GLOSSARY

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

CYLINDER BLOCK
- Material . . . . . Cast alloy iron
- Bore Diameter
  - L6-250 Cu.In. 3.8745-3.8775
  - V8-350 Cu.In. 3.9995-4.0025
- Bearing Caps (Number, material & attachment)
  - L6-250 . . . . . 7, cast iron, 2-bolt
  - V8-350 . . . . . 5, cast iron; 2-bolt
- Water Jacket . . . . . Full length around each cylinder
- Bore Spacing (Centerline to Centerline)
  - L6-250 Cu.In. 4.4
  - V8-350 Cu.In. 4.4

CYLINDER HEAD
- Material . . . . . High chrome cast alloy iron
- Bolt No. & Size
  - L6-250 Cu.In. . . . . 14; .500 dia. 13 threads/in.
  - V8-350 Cu.In. . . . . 34; .4375 dia. 14 threads/in.

COMBUSTION CHAMBER VOLUME
(Total chamber volume of assembled engine with piston at top center)
- L6-250 Cu.In. . . . . 5.77 Cu.In.
- V8-350 Cu.In. . . . . 6.27 Cu.In.

INLET MANIFOLD
- Material . . . . . Cast alloy iron
- Type
  - L6-250 Cu.In. . . . . Integral with cylinder head
  - V8-350 Cu.In. . . . . 8 port, double deck

EXHAUST MANIFOLD
- Material . . . . . Cast alloy iron
- Type
  - L6-250 Cu.In. . . . . 4 port, center downtake
  - V8-350 Cu.In. . . . . Dual, 4 port, rear downtake
- Outlet Diameter (Nominal)
  - L6-250 Cu.In. 2.25
  - V8-350 Cu.In. 2.00

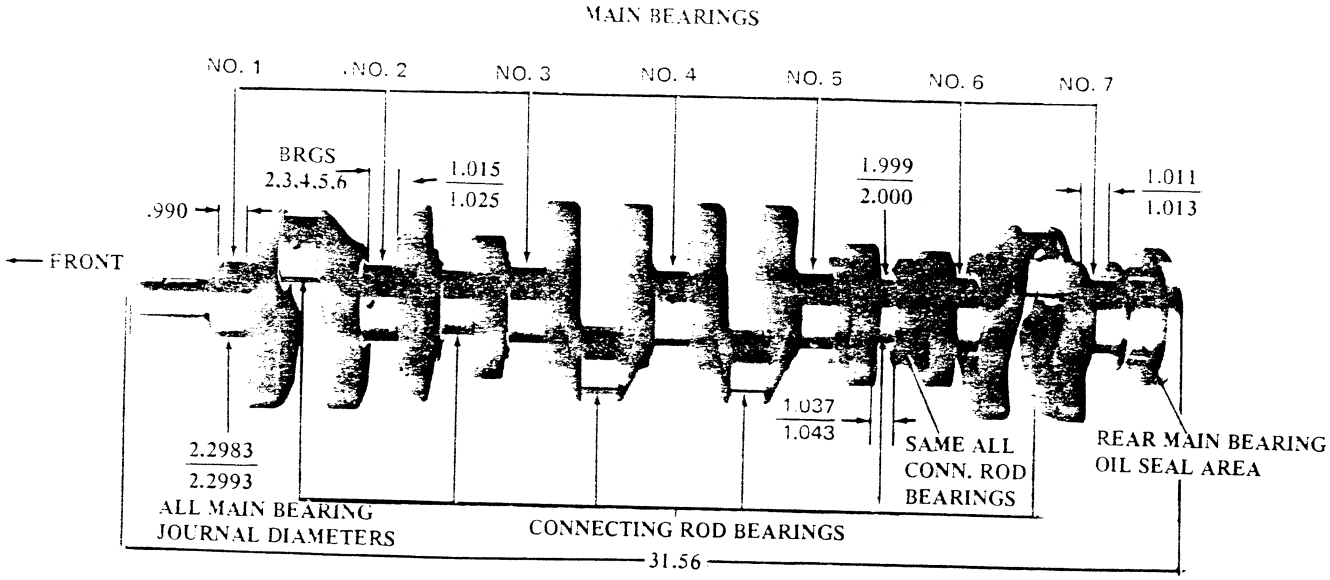
CRANKSHAFT
- Material
  - L6-250 Cu.In. . . . . Cast nodular iron
  - V8-350 Cu.In. . . . . Cast nodular iron
- End Play
  - L6-250 Cu.In. 002-.006
  - V8-350 Cu.In. 002-.007
- Counter Weights
  - L6 12
  - V8 6
- Crank Arm Length
  - L6-250 Cu.In. 1.765
  - V8-350 Cu.In. 1.74
- Torsional Damper . . . . . Rubber mounted inertia
- Timing Gear
  - L6 . . . . . Steel; helical cut
  - V8 . . . . . Steel; sprocket & chain
- Pulley Pitch Diameter 6.64

MAIN BEARINGS
- Material . . . . . Steel; backed insert; (copper lead alloy or premium aluminum lining selected for specific engine application)
- Type . . . . . Precision removable
- Thrust Against Bearing No. . . . L6 - No. 7; V8 - No. 5
- Clearance
  - L6-250 Cu.In. 0003-.0029
  - V8-350 Cu.In. . . . . (N9. 1) .0008-.0020; (No. 2-3-4) .0011-.0023; (No. 5) .0017-.0033

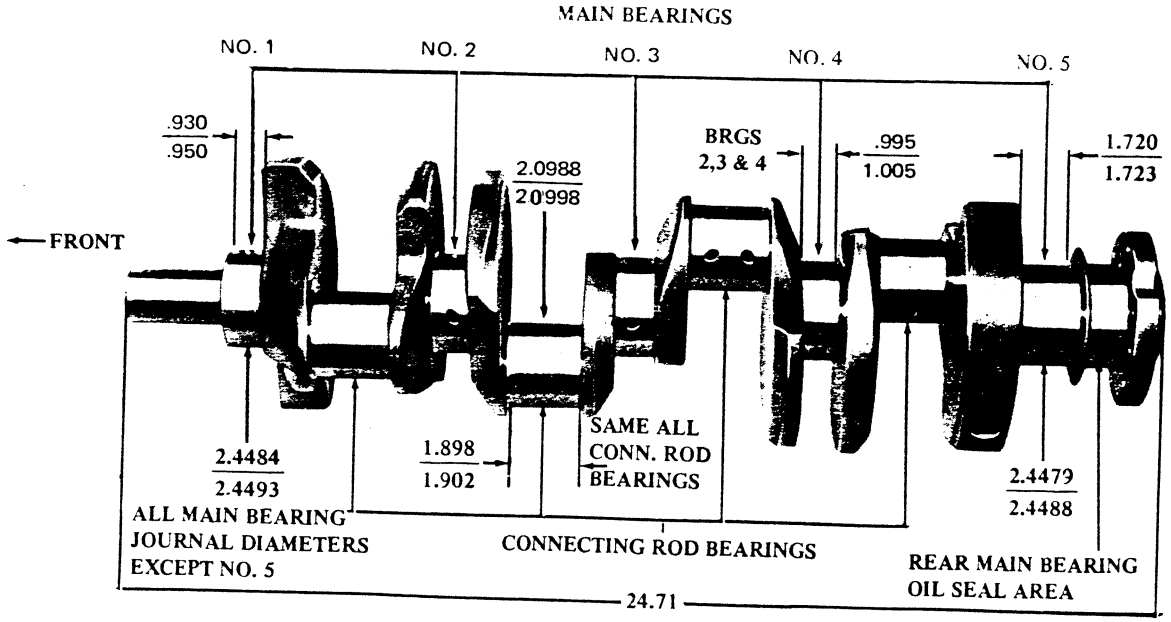
Dimensions	Theoretical Inner Dia.	Effective Length	Projected Area
L6-250 Cu.In.			
Bearing No. 1-6	2.2999	.752	1.7295
Bearing No. 7	2.2999	.760	1.7479
V8-350 Cu.In.			
Bearing No. 1-4	2.4502	.752	1.8425
Bearing No. 5	2.4508	1.177	2.8846

CRANKSHAFTS AND BEARINGS

250 CUBIC INCH SIX CYLINDER ENGINE



350 CUBIC INCH V-8 ENGINES



CAMSHAFT
- Material . . . . . Cast alloy iron
- Drive
  - L6 . . . . . Gear; bakelite and fabric composition
  - V8 . . . . . Sprocket & chain; steel
- Lobe Lift
  - L6-250 Cu.In. . . . . .2217 Inlet; .2315 Exhaust
  - V8-350 Cu.In. . . . . .2600 Inlet; .2733 Exhaust
- Camshaft Bearings . . . . . Steel backed babbitt

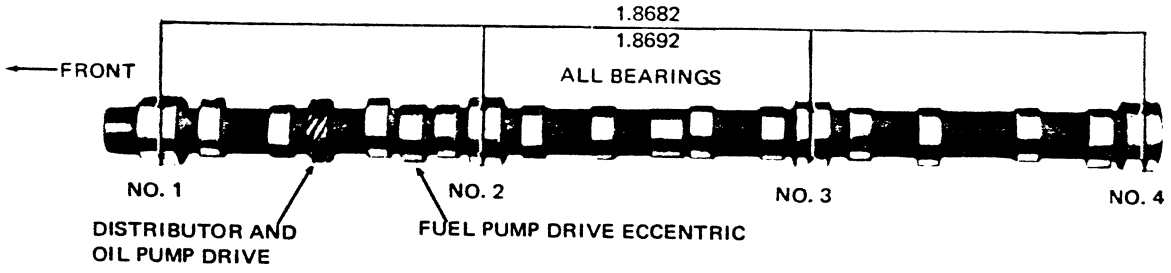
VALVE TRAIN
- Type . . . . . Individually mounted, overhead valves and rocker arms, push rod actuated.
- Lifters . . . . . Hydraulic
- Rocker Arms . . . . . Stamped steel
- Ratio
  - L6-250 Cu.In. 1.75:1
  - V8-350 Cu.In. 1.50:1
- Push Rods . . . . . Hollow steel with hardened ends;

Rotators (V8-350 Cu.In.) . . . . . Exhaust

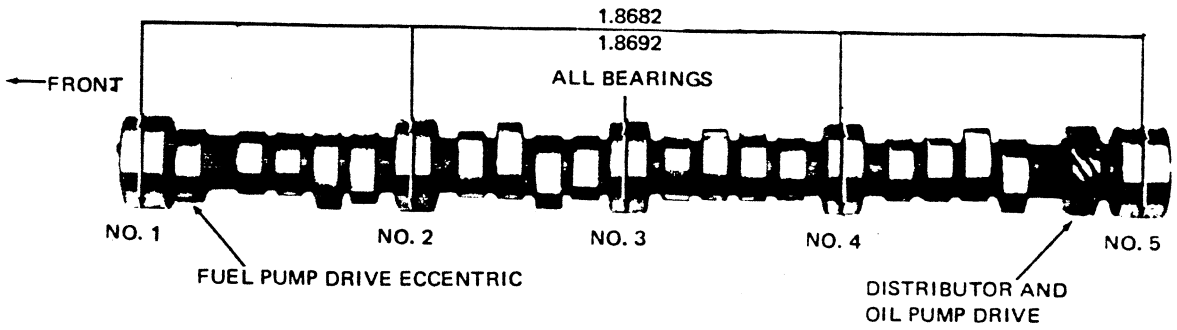
VALVE SPRINGS
- Diameter
  - L6-250 Cu.In. 872-.888
  - V8-350 Cu.In. 868-.884
- Installed Length (lb. @ in.)
  - Valves Closed
    - L6-250 Cu.In. . . . . 56-64 @ 1.66
    - V8-350 Cu.In.
      - Inlet . . . . . 76-84 @ 1.70
      - Exhaust . . . . . 76-84 @ 1.61
  - Valves opened
    - L6-250 Cu.In. . . . . 180-192 @ 1.27
    - V8-350 Cu.In.
      - Inlet . . . . . 194-206 @ 1.25
      - Exhaust . . . . . 194-206 @ 1.16
  - Free Length
    - L6-250 Cu.In. 1.90
    - V8-350 Cu.In. 2.03
- Valve Spring Damper
  - L6-250 Cu.In. . . . . None
  - V8-350 Cu.In. . . . . Flat steel, 4 coils
- Oil Shield . . . . . Steel cup

CAMSHAFT AND BEARINGS

250 CUBIC INCH L-6 ENGINE



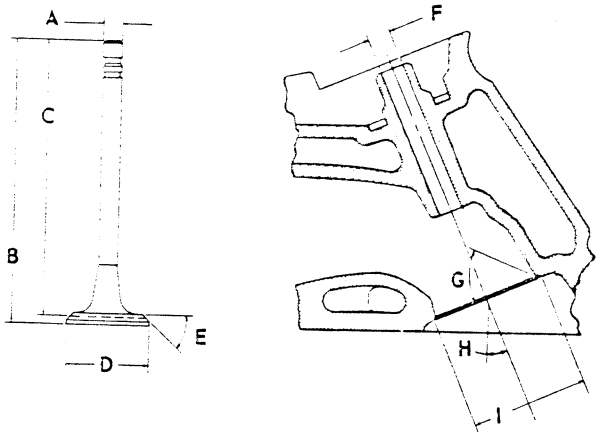
350 CUBIC INCH V-8 ENGINE



PRINCIPAL COMPONENTS

INLET VALVES

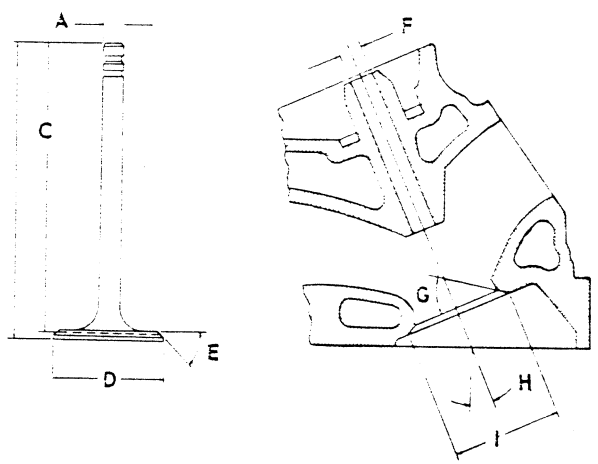
Material . . . . . Alloy steel
Coating
L6-250 Cu.In. . . . . Aluminized face
V8-350 Cu.In. . . . . None
All Stems . . . . . Chrome flash



A – Stem Diameter
L6-250 Cu.In. 3410-.3417
V8-350 Cu.In. 3410-.3417
B – Overall Length
L6-250 Cu.In. 4.902-4.922
V8-350 Cu.In. 4.870-4.889
C – Gage Length
L6-250 Cu.In. 4.785-4.795
V8-350 Cu.In. 4.785-4.795
D – Overall Head Diameter
L6-250 Cu.In. 1.715-1.725
V8-350 Cu.In. 1.935-1.945
E – Angle of Face . . . . . 45°
F – Guide Diameter 3427-.3437
G – Angle of Seat . . . . . 46°
H – Valve Angle
L6-250 Cu.In. . . . . 9°
V8-350 Cu.In. . . . . 23°
I – Valve Seat Diameter
L6-250 Cu.In. 1.591-1.597
V8-350 Cu.In. 1.823-1.829

EXHAUST VALVES

Material . . . . . High alloy steel
Coating
L6-250 Cu.In. . . . . Aluminized face
V8-350 Cu.In. . . . . Aluminized face
All Stems . . . . . Chrome flash



A – Stem Diameter
L6-250 Cu.In. 3410-.3417
V8-350 Cu.In. 3410-.3417
B – Overall Length
L6-250 Cu.In. 4.913-4.933
V8-350 Cu.In. 4.910-4.930
C – Gage Length
L6-250 Cu.In. 4.781-4.791
V8-350 Cu.In. 4.781-4.791
D – Overall Head Diameter
L6-250 Cu.In. 1.495-1.505
V8-350 Cu.In. 1.495-1.505
E – Angle of Face . . . . . 45°
F – Guide Diameter 3427-.3437
G – Angle of Seat . . . . . 46°
H – Valve Angle
L6-250 Cu.In. . . . . 9°
V8-350 Cu.In. . . . . 23°
I – Valve Seat Diameter
L6-250 Cu.In. 1.321-1.327
V8-350 Cu.In. 1.321-1.327

VALVE LIFT
- L6-250 Cu.In. . . . . .3880 Inlet; .4051 Exhaust
- V8-350 . . . . . .3900 Inlet; .4100 Exhaust

VALVE TIMING (Crankshaft degrees – Excluding Ramps)
- L6-250 Cu.In.
  - Inlet Valve
    - Opens - BTC . . . . . 16°
    - Closes - ABC . . . . . 48°
    - Duration . . . . . 244°
  - Exhaust Valve
    - Opens - BBC . . . . . 64°
    - Closes - ATC . . . . . 50°
    - Duration . . . . . 294°
- V8-350 Cu.In.
  - Inlet Valve
    - Opens - BTC . . . . . 28°
    - Closes - ABC . . . . . 72°
    - Duration . . . . . 280°
  - Exhaust Valve
    - Opens - BBC . . . . . 78°
    - Closes - ATC . . . . . 30°
    - Duration . . . . . 288°

PISTONS
- Material
  - L6-250 Cu.In. . . . . Cast alum. alloy
  - V8-350 Cu.In. . . . . Cast alum. alloy
- Head Type
  - L6-250 Cu.In. . . . . Sump
  - V8-350 Cu.In. . . . . Sump
- Skirt Type . . . . . Slipper
- Top Land Clearance
  - L6-250 Cu.In. 0245-.0335
  - V8-350 Cu.In. 0235-.0325
- Skirt Clearance
  - L6-250 Cu.In. 0005-.0015
  - V8-350 Cu.In. 0007-.0017
- Compression Ring Groove Depth
  - L6-250 Cu.In. 2153-.2218
  - V8-350 Cu.In. 2218-.2308
- Oil Ring Groove Depth
  - L6-250 Cu.In. 2093-.2158
  - V8-350 Cu.In. 2038-.2128
- Pin Bore Offset 055-.065
- Compression Height
  - L6-250 Cu.In. 1.658-1.662
  - V8-350 Cu.In. 1.558-1.562

PISTON PINS
- Material . . . . . Chromium steel
- Length
  - L6-250 Cu.In. 2.990-3.010
  - V8-350 Cu.In. 2.990-3.010
- Diameter
  - L6-250 Cu.In. 9270-.9273
  - V8-350 Cu.In. 9270-.9273
- Clearance in Piston
  - L6-250 Cu.In. 00015-.00025
  - V8-350 Cu.In. 00025-.00035
- Pin Mounting . . . . . Locked in rod by shrink fit

PRINCIPAL COMPONENTS

COMPRESSION RINGS – UPPER

Material	Cast alloy iron
Type	Straight edge inside of ring
Face	Barrel
Coating	
L6-250 Cu.In.	Wear resistant coating molybdenum inlay, graphite impregnated
V8-350 Cu.In.	Chrome plate face
Width	
L6-250 Cu.In.	.0775-.0780
V8-350	.0775-.0780
Wall Thickness	
L6-250 Cu.In.	.184-.194
V8-350 Cu.In.	.190-.200
Gap	.010-.020

COMPRESSION RINGS – LOWER

Material	Cast alloy iron
Type	Inside bevel (top of ring 30 degrees to piston vertical axis for L6-250 and V8-350)
Face	Tapered
Coating	Wear resistant
Width	
L6-250 Cu.In.	.0770-.0780
V8-350 Cu.In.	.0770-.0775
Wall Thickness	
L6-250 Cu.In.	.184-.194
V8-350 Cu.In.	.190-.200
Gap	
L6-250 Cu.In.	.010-.020
V8-350 Cu.In.	.013-.025

OIL CONTROL RINGS

Type	Multi-piece (two rails and one spacer)
Material	
Rails	Steel
Spacer	Alloy steel
Width (assembled)	
L6-250 Cu.In.	.1850-.1870
V8-350 Cu.In.	.1850-.1870
Wall Thickness	
L6-250 Cu.In.	.152-.158
V8-350 Cu.In.	.150-.156
Gap	
L6-250 Cu.In.	.015-.055
V8-350 Cu.In.	.015-.055
Rail Coatings	Chrome plates

CONNECTING RODS

Material	Drop forged steel
Length (center to center)	
L6-250 Cu.In.	5.695-5.705
V8-350 Cu.In.	5.695-5.705

CONNECTING ROD BEARINGS

Material	
L6-250 Cu.In.	Copper lead alloy or sintered copper nickel backed babbitt on steel
V8-350 Cu.In.	Premium aluminum
Type	Precision removable
Clearance	
L6-250 Cu.In.	.0007-.0027
V8-350 Cu.In.	.0013-.0035
Theoretical I.D.	
L6-250 Cu.In.	2.0017
V8-350 Cu.In.	2.1012
Effective Length	
L6-250 Cu.In.	.807
V8-350 Cu.In.	.797
End Play	
L6-250 Cu.In.	.007-.016
V8-350 Cu.In.	.006-.016

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

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

FUEL PUMP ASSEMBLY
- Type
  - L6-250 & 350 Cu.In. (L65) . . . . . Diaphragm
  - V8-350 Cu.In. (LM1) . . . . . Deep cover with vapor return line
- Drive . . . . . Camshaft, eccentric
- Location . . . . . Right side front of engine
- Pressure Range (shut off pressure at 1800 RPM)
  - L6-250 Cu.In. . . . . 4.00-5.00 PSI at pump outlet
  - V8-350 Cu.In. . . . . 7.50-9.00 PSI at pump outlet

AIR CLEANER
- Type . . . . . Cylindrical with air horn attached to ducted air inlet
- Diameter
  - L6-250 Cu.In. 12.62
  - V8-350 Cu.In. 14.75
- Filter Element . . . . . Oil-wetted paper

CARBURETORS
- Make & Type
  - L6-250 Cu.In. . . . . 1-barrel, Monojet
  - V8-350 Cu.In. (L65) 2-barrel
  - V8-350 Cu.In. (LM1) 4-barrel
- SAE Flange Type
  - L6-250 Cu.In. 1.50
  - V8-350 Cu.In. 1.50
- Throttle Bore
  - L6-250 Cu.In. 1.69
  - V8-350 Cu.In. (L65) 1.69
  - V8-350 (LM1)
    - Primary 1.38
    - Secondary 2.25
- Secondary Throttle Actuation . . . . . By linkage approximately when primary valves are opened halfway between closed and open
- Venturi Diameter
  - L6-250 Cu.In. 1.31
  - V8-350 Cu.In. (L65) 1.19
  - V8-350 Cu.In. (LM1)
    - Primary 1.218
    - Secondary . . . . . Air valve

CHOKE
- Type . . . . . Automatic

EXHAUST SYSTEMS

TYPE
- L6-250 Cu.In. . . . . Single exhaust and converter
- V8-350 Cu.In. . . . . Single exhaust and converter with crossover pipes

MUFFLERS
- Type . . . . . Oval, reverse flow
- Construction . . . . . Heads and body joined by rolled lock seam construction
- Head . . . . . .054 sheet steel, aluminized
- Shell
  - L6-250 Cu.In. . . . . .036 sheet steel, aluminized
  - V8-350 Cu.In. . . . . .031 sheet steel, aluminized
- Wrap . . . . . .060 indented asbestos sheet
- Cover
  - L6-250 Cu.In. . . . . .018 sheet steel, aluminized
  - V8-350 Cu.In. . . . . .017 sheet steel, aluminized
- Baffles . . . . . 4; .036 sheet steel, aluminized
- Length, Body 24.00
- Width (I.D.)
  - L6-250 Cu.In. 4.06
  - V8-350 Cu.In. 4.00
- Height (I.D.)
  - L6-250 Cu.In. 10.50
  - V8-350 Cu.In. 10.44

EXHAUST CROSSOVER PIPE TO CONVERTER
- Dimension (O.D.) & Wall Thickness
  - L6-250 Cu.In. . . . . 2.25 x .078 laminated
  - V8-350 Cu.In. . . . . 2.00 x .078 laminated

EXHAUST PIPE – CONVERTER TO MUFFLER
- Dimensions (O.D.)
  - L6-250 Cu.In. 2.25
  - V8-350 Cu.In. 2.25
- Wall Thickness
  - L6-250 Cu.In. . . . . .073 laminated
  - V8-350 Cu.In. . . . . .073 laminated

TAIL PIPES
- Type
  - L6-250 Cu.In. . . . . Single
  - V8-350 Cu.In. . . . . Dual
- Dimensions (O.D.)
  - L6-250 Cu.In. 2.25
  - V8-350 Cu.In. 2.25
- Wall Thickness
  - L6-250 Cu.In. 062
  - V8-350 Cu.In. 062

SYSTEM APPLICATION

System Type	Engine Adaptation		
	L6-250 L22	V8-350 L65	V8-350 LM1
PCV – Positive Crankcase Ventilation	***	*	***
EGR – Exhaust gas Recirculation	***	*	***
CHA – Carburetor Hot Air	***	*	***
CAI – Converter Air Injection	**	*	***
FEC – Fuel Evaporation Control System	***	*	***
CCS – Controlled Combustion System	*	*	
UFC – Underfloor Converter	***	*	***
EFE – Early Fuel Evaporation	***	*	***

*–Not available in California
**–California only.
***–Available – all states.

BASIC FUNCTION OF SYSTEMS

POSITIVE CRANKCASE VENTILATION

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

EXHAUST GAS RECIRCULATION SYSTEM

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

CARBURETOR HOT AIR

Meters and mixes heated air with incoming cold air to optimize fuel evaporation.

CONVERTER AIR INJECTION

Compresses, regulates and distributes quantities of air to more completely burn carbon monoxide and hydrocarbon emissions to the exhaust pipe in front of the converter.

EARLY FUEL EVAPORATION

System is designed to produce a very short engine warm-up cycle to improve vehicle driveability and reduce exhaust emission.

FUEL EVAPORATION CONTROL SYSTEM

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

CONTROLLED COMBUSTION SYSTEM

Increased combustion efficiency through leaner carburetor mixtures and revised distributor calibration. Special thermostatically controlled damper, in the air cleaner snorkel maintains warm air intake to carburetor.

UNDERFLOOR CONVERTER

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

LUBRICATION SYSTEM

GENERAL

Type	Controlled full pressure
Main Bearings	Pressure
Connecting Rods	Pressure
Piston Pins	Splash
Cylinder Walls	
L6-250 Cu.In.	Main and connecting rod bearing throw off
V8-350 Cu.In.	Pressure, jet cross sprayed
Camshaft Bearings	Pressure
Valve Lifters	Pressure
Rocker Arms	Pressure
Timing Gears	
L6-250 Cu.In.	Nozzle sprayed
V8-350 Cu.In.	Centrifugally oiled from camshaft bearing
Oil Pressure Sending Unit	
Type	Electric
Actuation	Opens or closes circuit @ 2 to 6 PSI
Oil Filler	
Cap	Positive seal
Location	
L6	Forward end of rocker cover
V8-350 Cu.In.	Rearward of left rocker cover

OIL PAN CAPACITIES (Quarts)

Refill	
L6-250 Cu.In.	4
V8-350 Cu.In.	4
Refill with Filter Change	
L6-250 Cu.In.	4.5
V8-350 Cu.In.	4.5

LUBRICANT GRADES AND TEMPERATURES

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

OIL PUMP

Type	Gear
Regulator Valve	Opens between 40-45 lbs.
Oil Pressure	
L6-250 Cu.In.	36-41 PSI @ 2000 RPM
V8-350 Cu.In.	32-40 PSI @ 2000 RPM
Intake Type	Fixed pickup with screen
Capacity (GPM @ Engine RPM)	
L6-250 Cu.In.	4.3 @ 2000
V8-350 Cu.In.	4.3 @ 2000

OIL FILTER

Type	Full flow, throw away canister
Location	
L6-250 Cu.In.	Right side front of engine
V8-350 Cu.In.	Left rear side of engine
Capacity	One pint
Bypass Valve	Opens between 9 to 11 PSI

OIL PAN DRAIN PLUG

Type	Hex head
Location	
L6-250 Cu.In.	Front lower face of oil pan
V8-350 Cu.In.	Left lower face of oil pan
Size of Hex Head	.860–.875
Thread	1/2-20 UNF 2A
Length	0.81
Diameter	.410–.430

OIL DIPSTICK – LOCATION

L6-250 Cu.In.	Right side rear of engine block
V8-350 Cu.In.	Left side, rear of engine block

GENERAL
- Type . . Pressure, vented thru cooling recovery system
- Capacity with Heater
  - L6-250 Cu.In. . . . . 14 qts
  - V8-350 Cu.In. . . . . 18 qts

RADIATOR
- Make and Type . . . . . Harrison, tube and center
- Core Constant
  - Distance between Fins
    - L6-250 Cu.In. . . . . .18 Syn. & Auto.
    - V8-350 Cu.In. (L65) . . . . . .18 Syn., 16 Auto.
    - V8-350 Cu.In. (LM1) . . . . . .16 Syn. & Auto.
  - Distance between Tubes 55
- Thickness of Core
  - L6-250 Cu.In. 1.24
  - V8-350 Cu.In. (L65) 1.24
  - V8-350 Cu.In. (LM1) 1.24
- Frontal Area (Sq.In.)
  - L6-250 Cu.In. 353
  - V8-350 Cu.In. 353
- Overflow . . . . . Separate coolant bottle

RADIATOR HEAVY DUTY (RPO V01)
- Core Constant
  - Distance between Fins
    - L6-250 Cu.In. . . . . .18 Syn. & Auto.
    - V8-350 Cu.In. (L65) . . . . . .14 Syn & Auto.
    - V8-350 Cu.In. (LM1) . . . . . .16 Syn. & Auto.
  - Distance between tubes 55
- Thickness of Core
  - L6-250 Cu.In. 1.24
  - V8-350 Cu.In. 1.96
- Frontal Area (Sq.In.)
  - L6-250 Cu.In. 446
  - V8-350 Cu.In. 446
- Overflow . . . . . Separate coolant bottle

THERMOSTAT
- Type . . . . . Pellet
- Begins to Open at . . . . . 192°-198°
- Fully Opened at . . . . . 227°

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

RADIATOR HOSE
- Outlet, Lower (Radiator to Water Pump)
  - L6-250 Cu.In. . . . . 1.75 ID
  - V8-350 Cu.In. . . . . 1.75 ID
- Inlet, Upper (Thermostat Housing to Radiator)
  - L6-250 . . . . . 1.50 ID
  - V8-350 Cu.In. . . . . 1.50 ID

FAN
- Number of Blades 4
- Diameter
  - L6-250 Cu.In. 17.62
  - V8-350 Cu.In. 18.00

BELTS, CRANKSHAFT, FAN AND GENERATOR
- Number Used . . . . . One
- Angle of "V" . . . . . 34°-38°
- Pitch Line
  - L6-250 Cu.In. 38.00
  - V8-350 Cu.In. (L65) 43.50
  - V8-350 Cu.In. (LM1) 47.50
- Width 380

WATER PUMP
- Type . . . . . Centrifugal
- Capacity
  - L6-250 Cu.In. . . . . 24.4 GPM @ 2000 Engine RPM
  - V8-350 Cu.In. . . . . 21.6 GPM @ 2000 Engine RPM
- Bearing . . . . . Permanently lubricated double row ball
- Drive . . . . . Fan belt
- Ratio (Pump to Engine RPM)
  - L6-250 Cu.In. 1.165:1
  - V8-350 Cu.In. 949:1

DRAIN LOCATIONS AND TYPE
- Engine Block - Plug
  - L6-250 Cu.In. . . . . Left side rear
  - V8-350 Cu.In. . . . . Right and left center

ELECTRICAL SYSTEM

SUPPLY SYSTEM
- BATTERY
  - Voltage Rating and Watts
    - L6-250 Cu.In. 12-2300
    - V8-350 Cu.In. 12-2900
  - Number of Cells and Plates
    - L6-250 Cu.In. 6-54
    - V8-350 Cu.In. 6-66
  - Cold Cranking Rating
    - L6-250 Cu.In. . . . . 0° @ 275 amps; − 20° @ 210 amps. @ 60 minutes reserve capacity
    - V8-350 Cu.In. . . . . 0° @ 350 amps; − 20° @ 270 amps. @ 100 minutes reserve capacity
  - Terminal Grounded . . . . . Negative
  - Location . . . Engine compartment, right side front

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

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

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

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

COIL
- Type 12-Volt
- Amperes Drawn
  - Engine Stopped 4.0
  - Engine Idling 1.8

SPARK PLUGS
- Type
  - L6-250 Cu.In. ACR46TX
  - V8-350 Cu.In. ACR44TX
- Thread Size (mm) 14
- Gap 060
- Torque . . . . . 25 lb. ft.

STARTING SYSTEM
- STARTING MOTOR
  - Rotation (Drive End View) . . . . . Clockwise
  - Test Conditions . . . . . Engine at operating temp.
    - No Load Test
      - Amps
        - L6-250 Cu.In. 49-87
        - V8-350 Cu.In. 70-99
      - Volts 10.6
      - RPM
        - L6-250 Cu.In. 6200-10700
        - V8-350 Cu.In. 7800-12000
  - Motor Drive
    - Engagement . . . . . Solenoid
    - Pinion Meshes at . . . . . Rear
    - Pinion Tooth No. 153
    - Mounting . . . . . Bolted to cylinder block flange

DISTRIBUTORS	Transmission	L6-250 Cu. In.		V8-350 Cu.In.	
				L65	LM1
Model	Manual	1112863	–	1112880	1112880
	Automatic	1112863	1110650*	1112880	1112880
Type		High Energy Ignition			
Centrifugal advance begins @ RPM		0° @ 1100	0° 1200	0° @ 1200	
Maximum degrees @ RPM		20° @ 4200	14° @ 4200	22° @ 4200	
Vacuum advance begins @ In. Hg.		0° @ 4	0° @ 4	0° @ 4	
Maximum degrees @ In. Hg.		16° @ 15	16° @ 15	18° @ 12	
Timing (initial design setting) Crankshaft degrees @ RPM with vacuum line disconnected	Manual	10° BTC @ 800	--	6° BTC @ 800	6° BTC @ 800
	Automatic	10° BTC @ 600	10° BTC @ 600	6° BTC @ 600	4° BTC @ 600
Timing mark location		Torsional damper			

*–Specific to California only.

CLUTCHES

Engine	Type - Cubic Inch		L6-250	V8-350
	Availability		Standard	RPO L65 | RPO LM1
Clutch for			3-Speed	4-Speed
Type			Single dry disc	Single dry disc, centrifugal
Clutch cover & pressure plate	Eff. plate load, lbs.		1650-1900	2100-2300
	Press. plate matl.		Cast iron	Nodular iron
	Clutch spring type		Diaphragm	Diaphragm, bent finger design
	Clutch spring matl.		Heat treated spring steel	
Driven plate	Type		Single disc with two friction surfaces	
	Cushions		Flat spring steel between friction rings	
	Dampers		(a)	10 coil springs (5 sets of two)
	Friction rings	OD	9.12	10.34
		ID	6.12	6.50
		Total area sq. in.	71.82	101.54
		Material	Woven type asbestos	
Flywheel & Ring Gear	Flywheel	Material	Nodular iron	
	Ring gear	Material	Heat treated HR steel	
		No. of Teeth	153	168
		PD	12.75	14.00
		Attachment	Shrink Fit	
Bearings	Release	Type	Single row ball	
		Lubrication	None, prepacked	
	Pilot	Type	Bronze bushing	
		Lubrication	None, sintered and oil impregnated	
Controls	Clutch fork		Drop forged steel, pivot mounted on ball	
	Pedal mounting		Pendant from brace on dash	
	Lubrication		Crossover shaft	
Clutch housing material			Aluminum alloy	

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

3-SPEED AND 4-SPEED TRANSMISSIONS

Transmission Type			3-Speed		4-Speed
Engine Application	Type		L6-250	V8-350	V8-350
	Availability		Standard	L65-LM1	LM1
Case material			Cast Iron		
Gear Shift	Type		Remote		
	Control		Lever		
	Location		Floor		
Gears	Type		Helical		
	Material		Forged steel hardened		
	Synchronization		All forward gears		
	Constant mesh gear		All Gears		
	Sliding gears		None		
	Ratios	First	3.11	2.85	2.54
		Second	1.84	1.68	1.80
		Third	1.00	1.00	1.44
		Fourth			1.00
		Reverse	3.22	2.95	2.54
Lubricant	Type		Meeting Military Specification MIL-L-2105B		
	Capacity (pts)		3		
Extention	Material		Cast iron		
	Oil seal		Steel encased seal of spring loaded silicone		

TURBO HYDRA-MATIC TRANSMISSION

Engine	Displacement (Cu.In.)		L6 250	V8-350 (L65, LM1)
General Data	Type		Automatic hydraulic torque converter with compound planetary gear system - three forward speeds and reverse.	
	Selector lever	Location	Steering column (a)	
		Operation	Actuates controls by a hydraulic system from pressurized gear type pump	
		Quadrant pattern	P-R-N-D-L2-L1	
	Parking Lock	Type	Locking pawl	
		Operation	Applied by selector lever through manual linkage	
	Method of cooling		Water	
	Flywheel assembly		Steel stamping with welded on ring gear	
Hydraulic System	Oil pressure pump		Supplies hydraulic pressure from an engine driven gear type pump	
	Type		Steel spool valve	
	Valves	Manual	Establishes range at transmission operation	
		Pressure regulator	Provides main line pressure	
		Shift (1-2)	Controls oil pressure for transmission shift from 1-2 or 2-1	
		Shift (2-3)	Controls oil pressure for transmission shift from 2-3 or 3-2	
	Modulator		Regulates line pressure with modulator oil pressure which varies with torque to transmission	
	Accumulator		Provides greater flexibility in attaining desired shift quality for various engine requirements	
	Pressure @ Idle (b)	Drive	55	60
		L2	80	87
		L1	80	87
		Reverse	84	91
Converter Assembly	Pump (Drive member)		Multivane type, sheet metal blade spot welded to steel pump housing that is an integral part of the converter housing	
	Turbine (Driven member)		Steel axial flow blades assembled between inner & outer steel shells	
	Stator assembly		Aluminum multivane type blades mounted on a one way (overrunning) roller clutch	
	Stall ratio		2.00	
	Stall speed (RPM)		2110	
	Diameter (nominal)		11.75	
Planetary Gear Set	Reaction carrier assembly		4 steel pinion gears	
	Output carrier assembly		4 steel pinion gears	
	Intermediate band		Circular steel with organic lining	
	Range	D (Drive)	2.51:1 - 1.52:1 - 1.00:1	
		L2 (Low two)	2.51:1 - 1.52:1	
		L1 (Low one)	2.52:1	
		R (Reverse)	1.93:1	
	Servo Unit		Piston with release spring and inner cushion spring	
Case	Material		Aluminum	
Clutches	Type		Three, multiple disk	Four, multiple disk
	Material	Drive plates	Steel with bonded organic facings	
		Driven plates	Flat steel	
	Forward clutch		4 ea. drive & driven plates	5 ea. drive & driven plates
	Direct clutch		3 ea. drive & driven plates	4 ea. drive & driven plates
	Intermediate clutch			3 ea. drive & driven plates
	Low & Reverse clutch		4 ea. drive & driven plates	5 ea. drive & driven plates
	Release spring		Radial row steel coil	
Torque Multiplication	Drive (maximum)		5.04:1 to 1.00	
	Low 2		5.04:1 to 1.52	
	Low 1		5.04:1 to 2.52	
	Reverse		3.86:1 to 1.93	
Governor	Type		Cross-axis centrifugal	
	Operation		Regulates a pressure proportional to car speed which acts upon the (1-2) (2-3) shift and modulator valves	
Lubricant	Type		A suffix A	
	Capacity (pints)	Dry	20	
		Refill	8	

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

1975 Passenger Car and Truck Paint Colors

Found on pages 10–13, are the 1975 Chevrolet passenger car and truck interior and exterior paint colors. The Chevrolet LUV colors will remain the same as last year and will not be listed in this issue.

1975 PASSENGER CAR EXTERIOR COLORS

Car Paint Code	Color Name	Fisher WA Number	DDL Ditzler Code	Uticolor Vinyl Roof Colors	Rinshed Mason	Dupont
11	Antique White	3967	2058	White 2-130	A-2080	5338L
13	Silver Metallic	4322	2518	Silver Metallic 2-271	A-2518	43537L
15	Light Gray	4630	2742		A-2793	43450L
16	Medium Gray Metallic	4640	2743		A-2794	43459L
19	Tuxedo Black	348	9300	Gloss—182, Flat—120	A-946	99L
21	Silver Blue Metallic	4267	2431		A-2543	5440L
24	Medium Blue	4631	2745		A-2798	43451L
26	Bright Blue Metallic	4632	2746		A-2799	43452L
29	Midnight Blue Metallic	4633	2748	Dark Blue 2-273	A-2802	43453L
44	Medium Green	4516	2642	Medium Green 2-207	A-2704	42802L
45	Light Green Metallic	4641	2750		A-2804G	43460LH
49	Dark Green Metallic	4634	2752		A-2805	43454LH
50	Cream-Beige	4527	2646		A-2708	42807L
51	Bright Yellow	4642	2677		A-2709G	42809L
55	Sandstone	4635	2755	Sandstone 2-258	A-2808	43455L
58	Dark Sandstone Metallic	4648	2757		A-2810	43461LH
59	Dark Brown Metallic	4636	2758	Cordovan 2-257	A-2811D	43456L
63	Light Saddle Metallic	4637	2759		A-2812D	43457LH
64	Medium Orange Metallic	4638	2760		A-2813F	43458LM
66	Bronze Metallic	4618	2653		A-2714G	42801LH
72	Medium Red	4460	2544		A-2648F	5498LM
74	Dark Red Metallic	4533	2658	Maroon 2-170	A-2718F	42810LM
75	Light Red	4330	2546	Red 2-243	A-2650F	5485LM
79	Burgundy Metallic	4540	2659		A-2719M	42814LM
80	Orange Metallic	4464	2548		A-2652F	5568LM

1975 PASSENGER CAR INTERIOR COLORS

Color Name	Gloss		Fisher W Code	DIA Ditzler Code	Uticolor Vinyl Interior Code	Uticolor Vinyl Instrument Panel▲	Rinshed Mason	Dupont
	Flat "0"	Semi "25"						
White		X	W25A 3835	8855	183			
Black		X	W25A 848	9387	120		A-4401	99L
Black	X		WOA 848	9317		120	A-4400	4428L
Dark Blue		X	W25A 4627	14783	2-268		A-4404	43615LH
Dark Blue	X		WOA 4627	14796		2-268	A-4403	43625LH
Dark Saddle		X	W25A 4303	23778	2-184		A-4408	9997L
Dark Saddle	X		WOA 4303	23774		2-200	A-4407	10014LH
Medium Sandstone		X	W25A 4628	24107	2-258		A-4429	43616L
Dark Sandstone		X	W25A 4730	24106	2-278		A-4428	43623L
Dark Sandstone	X		WOA 4730	24123		2-278	A-4427	43629L
Medium Gray		X	W25A 4287	33033	2-186			9981L
Dark Gray		X	W25A 4288	33034	2-187		A-4410	9982L
Dark Gray	X		WOA 4288	33045		2-187		10005LH
Silver		X	W25A 4535	33121	2-271		A-4411	42912L
Medium Graystone		X	W25A 4625	33155	2-260		A-4735	43613L
Dark Graystone		X	W25A 4626	33154	2-275		A-4502	43614L
Dark Graystone	X		WOA 4626	33156		2-275	A-4501	43624L
Medium Green		X	W25A 4505	44862	2-213		A-4414	42901LH
Dark Green		X	W25A 4506	44863	2-215		A-4413	42902LH
Dark Green	X		WOA 4506	44898		2-244	A-4412	42914LH
Dark Oxblood		X	W25A 4305	72008	2-202		A-4406	10000LH
Dark Oxblood	X		WOA 4305	72007		2-202	A-4405	10016LH
Medium Red		X	W25A 4511	72054	2-246			

▲These must be over sprayed with UCV-69 FLATTNER.

1975 CHEVROLET—MISCELLANEOUS PAINT ITEMS (Cont'd)

Usage	Color Name	Fisher W Number	Ditzler Code	Rinshed Mason	Dupont
Truck—Interior Touch-up and Stake Rack Enamel	Silver Metallic	WEA-5140	32537		
Blazer Textured Roof Colors	White	—	DDL-0845		330S
	Black Reduce with DX-1507 Textured Additive.	—	DDL-9405		310S
Passenger Car Striping Colors	White	3967	2058	A-2080	9896L
	Black	848	9000	A-946	99L
	Medium Blue	4631	2745	A-2798	43451L
	Dark Blue	4811	14835	A-4764	43644LH
	Silver Metallic (Laguna)	4322	2518	A-2618	43537L
	Silver (Monte Carlo)	4814	33183	A-4767	43642LH
	Gold (Malibu)	4326	2537	A-2638	5431LH
	Gold (Nova SS)	4817	24172	A-4774	43645LH
	Sandstone	4635	2755	A-2808	43455L
	Medium Green	4516	2642	A-2704	42803L
	Dark Green	4810	45053	A-4766	43643LH
	Oxblood	3595	71583	A-4775	9366LM
	Red (Nova SS)	4330	2546	A-2650F	5485LM
	Red (Malibu)	4409	72142	A-4768	7693LM
	Red Metallic (Laguna)	4533	2658	A-2718F	42810LM
	Red (Monte Carlo)	4815	72137	A-4765	43646LM

Note:

Elastomeric lacquers are available from 'Ditzler' for the repair of flexible urethane parts. These colors will carry the prefix DEL before all the 1975 Ditzler codes, for example, Antique White, paint code (11) has a Ditzler number of DDL-2058, for its elastomeric counterpart use DEL-2058. The following additional items will be needed to complete the urethane repair.

DEL-820—Clear Top Coat

DPX-844—Elastomeric Primer

DTX-895—Thinner

1975 CHEVROLET TRUCK INTERIOR COLORS

Color Name	Gloss			Fisher W Code	DIA Ditzler Code	Rinshed Mason	Dupont
	Semi "25"	Flat "0"	Full				
Black			X	5118	DDL-DAR-9000		
Black	X			848	9387		99L
Black	"60" X			848	9248		
Black	"30" X			848	9396		
Black		X		5118	9317		99
Dark Oxblood		X		4305	72007	A-4405	10016LH
Dark Oxblood	X			4305	72008	A-4406	10000LH
Dark Blue		X		4627	14796	A-4403	43625LH
Dark Blue	X			4627	14783	A-4404	43615LH
Dark Green		X		4506	44898	A-4412	42914LH
Dark Green	X			4506	44863	A-4413	42906LH
Medium Green	X			4505	44862	A-4414	42901LH
Dark Saddle		X		4303	23774	A-4407	10014LH
Dark Saddle	X			4303	23778	A-4408	8997LH
Dark Sandstone		X		4730	24123	A-4427	43629L
Dark Sandstone	X			4730	24106	A-4428	43623L
Medium Sandstone	X			4628	24107	A-4429	43616L
Dark Graystone		X		4626	33156	A-4501	43624L
Dark Graystone	X			4626	33154	A-4502	43614LH
Medium Graystone	X			4625	33155	A-4735	43613LH

1975 CHEVROLET—MISCELLANEOUS PAINT ITEMS

Usage	Color Name	Fisher W Number	Ditzler Code	Rinshed Mason	Dupont
Painted Textured Steel Mouldings— Used On: Halo & Quarter Belt Mouldings, Rear Window Reveal, Rear Compartment Exhaust Grilles.	11T White	WE20-3967	8856	A-4415	9995L
	13T Silver Metallic	WE20-4322	8952	A-4425	43578LH
	19T Black	WE20-848	9348	A-4416	99L
	28T Dark Blue	W20E-4705	14804	A-4596	43631LH
	44T Medium Green	W20E 4516	44896	A-4419	42949LH
	55T Sandstone	W20E-4740	24128	A-4769	43633L
	68T Cordovan	W20E-4715	24129	A-4770	43632LH
	74T Maroon	W20E-4442	50904	A-4420M	10062LH
	75v Red	W20E-4330	72125	A-4424R	43630LM
Luggage Compartment	Black-Gray-Aqua	WEX-3431	DS-1758		
Front Bumper Filler Panel, Wheel Trim Covers and Wheel Color	Argent Silver	W35E-3024	DSE-8568		
	Dark Argent	WE-4443	DQE-33055		
	Dark Gray	WDE-4074	DDL-32961		
Accent Areas—Hi-Performance Black (low Gloss)	Dull Black (Non-Smudge)	—	DDL-9381		
Corporate Identity Colors	White	WA-5111	2185		817L
	Blue #1	WA-4400	14532		7651L
Engine Enamels	Red (Orange)	3AHV-5929	DQE-60339		
	Silver	—	DQE-8566		
Striping Colors—Truck	White	WEKR-5111	2185		817L
	Black	WEKR-848	9000		99L
Truck Wheels except special order commercial	White	WEA-5111	2185		817L
	Black	WE-848	9000		99L
Truck Bumpers	White	WE-5111	2185		817L
Truck—Headlamp Bezels Headlamp Recessed Areas	White	WEA-5111	2185		817L
	Black	WE-848	9000		99L
Truck—Tailgate Painting	Black	WEA-5118	9000		99L
	White	WEA-5111	2185		817L
Truck—Tailgate Insert	Flat Black	WL-848	9317		
Truck—Steering Column Parts and Directional Signal Housing	Black	WEA-5118	9000		
Steering Column Parts G-Truck	Black	W25A-848	9387		

1975 CORVETTE EXTERIOR COLORS

Car Paint Code	Color Name	Fisher WA Number	DDL Ditzler Code	Rinshed Mason	Dupont
10	Classic White	3465	8631	A-1802	5040L
13	Silver Metallic	4322	2518	A-2618	43537L
22	Bright Blue Metallic	4672	2744	A-2797	43467L
27	Steel Blue Metallic	4671	2747	A-2800F	43466LH
42	Bright Green Metallic	4670	2749	A-2803G	43465LH
56	Bright Yellow	4669	2756	A-2809	43464LH
67	Medium Saddle Metallic	4668	2762	A-2815D	43463L
70	Flame Red	4667	2764	A-2817R	43462LM
74	Dark Red Metallic	4533	2658	A-2718F	42810LM
76	Mille Miglia Red	4147	2349	A-2460R	5291LM

1975 CORVETTE INTERIOR COLORS

Color Name	Gloss		Fisher W Code	DIA Ditzler Code	Uticolor Vinyl Interior Code	Uticolor Vinyl Instrument Panel	Rinshed Mason	Dupont
	Flat	S.G.						
Midnight Blue		X	W25A 4291	14495	2-178		A-4404	9985L
Light Neutral		X	W25A 4298	23779	2-182		A-4732	9992L
Midnight Neutral		X	W25A 4300	23785	2-183		A-4763	9994L
Medium Saddle		X	W25A 4432	23797	2-226		A-4720	10003L
Dark Saddle		X	W25A 4131	23942	2-217		A-4559	10004L
Dark Gray		X	W25A 4288	33034	2-187		A-4410	9982L
Silver		X	W25A 4535	33121	2-271		A-4411	42912L
Dark Oxblood		X	W25A 4305	72008	2-202		A-4406	10000LH
Black		X	W25A 848	9387	120		A-4401	99L

1975 CHEVROLET TRUCK EXTERIOR COLORS

Paint Code	Color Name	Fisher WE Number	DDL-DAR Ditzler Code	Rinshed Mason	Dupont
12	Frost White	5111	2185	A-3147	817
17	Medium Graystone Metallic	5243	2773	A-2865	43492
20	Skyliner Blue	5205	2563	A-2593	5512
23	Hawaiian Blue	5190	2188	A-2253	5183
25	Catalina Blue Metallic	5230	2672	A-2273	42878
41	Medium Lime Metallic	5233	2774	A-2866G	43483
43	Light Green	5232	2775	A-2867D	43482
46	Glenwood Green	5101	42850	A-2594	5412
53	Medium Gold Metallic	5234	2776	A-2868F	43484
60	Neutral	5236	2777	A-2869	43486
61	Grecian Bronze	5225	2671	A-2772	42869
62	Light Saddle	5237	2778	A-2870	43487
71	Rosedale Red	5226	2673	A-2774R	42870
73	Crimson Red	5106	70704	A-1596R	5470
81	Dark Gold Metallic	5235	2779	A-2871F	43485
82	Light Graystone	5240	2780	A-2872D	43490
83	Dark Green Metallic	5242	2781	A-2873	43491
84	Dark Blue Metallic	5238	2782	A-2874	43488
85	Saddle Metallic	5239	2783	A-2875	43489
86	Midnight Black	5118	9000	A-946	99
87	School Bus Yellow	5247	2785	A-2876D	43536
88	Tangier Orange	5108	60156	A-1597	31
89	Polar White	5704	2680	A-4430	4074

In two-tone combinations the first two numbers indicate lower color, the next two numbers the upper color.

The Genuine

Camaro White Book™

1967-1993

brand NEW edition

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WHITE BOOK ORDER FORM

WHITE BOOK ORDER FORM

The Genuine

Camaro White Book™

1967-1993

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CONTENTS

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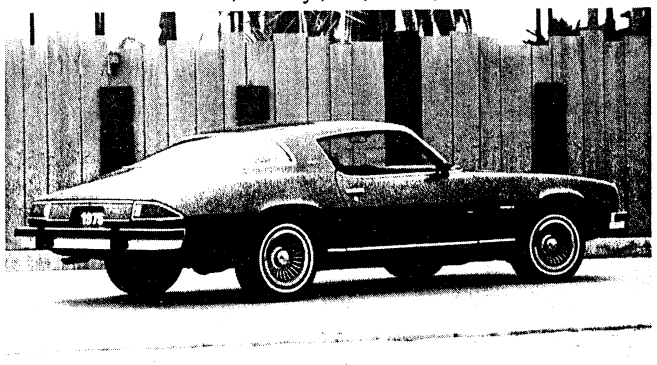
1975 CAMARO

Production: 29,749 6-cyl, 116,021 V8, 145,770 total.



1975 Camaro Type LT Coupe *Chevrolet photo*

1975 NUMBERS

Vehicle Identification Example: 1Q87H5N500001

- Second digit is model level: Q=Sport Coupe S=Type LT Coupe
- Fifth digit is engine code: D=250ci, 105hp H=350ci, 145hp L=350ci, 155hp
- Sixth digit is model year: 5=1975
- Seventh digit is N for Norwood assembly.
- Last six digits increased one with each car built at Norwood.

Dimensions: Length: 195.4 inches Height: 49.1 inches
Width: 74.4 inches Wheelbase: 108.0 inches

Suffix:

CJL: 250ci, at, ce	CJZ: 250ci, at, ce, ep	CML: 350ci, at, ce
CJT: 250ci, at	CHW: 350ci, at	CMU: 350ci, mt
CJU: 250ci, mt	CMB: 350ci, mt	CRX: 350ci, at

Abbreviations: at=Turbo Hydra-Matic automatic transmission, ce=california emission controls, ci=cubic inch, ep=early production, mt=manual transmission.

1975 FACTS

- The styling of the 1975 model was a carryover from the previous year, except that the rear window was a larger, wrap-around design to reduce the "blind spot" rear vision problem inherent in 1970-1974 models.
- The RPO Z28 special performance package, available with all Camaros since 1967, was discontinued in 1975. However, the option did appear in early Chevrolet dealer ordering information, and Chevrolet records show that one 1975 Z28 was built. It's unknown if this single vehicle was sold to a retail customer, or was for prototype purposes only.
- The 1975 model was the first to require unleaded fuel. With that came a catalytic converter, "unleaded fuel only" decals, a restricted fuel filler neck, and a screw-on fuel cap.
- Radial tires, optional in 1974, became standard equipment in 1975. But bias-belted tires could be ordered as delete-cost options.
- Power door locks became optional in 1975. Cruise control, not available as a factory-installed option since the 1968 model, was listed as optional in 1975, but Chevrolet sales records do not indicate any installations. Also, a fuel economy light to measure engine vacuum changes was planned as an instrument option, but was cancelled.

1975 FACTS *cont...*

- The Rally Sport option was not available at the start of 1975 production, but did return at midyear as RPO Z85. Unlike previous Rally Sport packages, this one did not feature the hidden headlamps of the first generation, or the snout grill of the second; rather, it was a distinctive paint and stripe package.

1975 FACTORY OPTIONS

RPO	Description	Qty	Retail
1FQ87	Camaro Sport Coupe, 6-cylinder	29,749	$3,553.05
1FQ87	Camaro Sport Coupe, 8-cylinder	76,178	3,698.05
1FS87	Camaro Type LT Coupe, 8-cylinder	39,843	4,070.05
AK1	Belts, color-keyed seat and shoulder	29,236	16.00
AN6	Adjustable Seat Back, driver side	9,181	18.00
AU3	Power Door Locks	5,599	56.00
A01	Soft Ray Tinted Glass, all windows	113,104	45.00
A31	Power Windows	10,596	91.00
B37	Floor Mats, color-keyed front and rear	43,385	14.00
B49	Carpet, deluxe front and rear	1,940	30.00
B84	Moldings, body side	73,864	38.00
B93	Guards, door edge	38,449	7.00
C09	Vinyl Roof Cover	26,885	87.00
C24	Windshield Wipers, hide-a-way	23,532	21.00
C50	Defroster, rear window	35,139	41.00
C60	Air Conditioning	77,276	435.00
D34	Mirror, visor vanity	—	3.00
D35	Mirrors, sport right and left remote exterior	80,646	27.00
D55	Console	134,039	68.00
D80	Spoilers, front and rear	21,028	77.00
D88	Striping, black	39,843	77.00
FE8	Suspension, radial tuned	12,201	35.00
G80	Positraction, rear axle	8,957	49.00
G92	Rear Axle, high altitude	93	12.00
G95	Rear Axle, highway	1,596	12.00
J50	Power Brakes	49,356	55.00
LM1	Engine, 155hp, 350ci Turbo-Fire V8	31,569	54.00
M20	Transmission, 4-speed wide range	8,681	219.00
M40	Transmission, Turbo Hydra-Matic automatic	126,518	235.00
N33	Tilt Steering Column	31,418	49.00
N65	Spare Tire, space saver	169	14.10
PE1	Wheels, turbine-style	3,601	110.50
P01	Wheel Covers, bright metal	29,594	30.00
QBT	Tires, FR78x14 belted radial white letter	18,865	46.00
QDW	Tires, FR78x14 belted radial white stripe	97,076	33.00
QEG	Tires, FR78x14 belted blackwall	2,499	–105.90
QEH	Tires, E78x14 belted white stripe	13,839	–74.90
UA1	Battery, heavy duty	7,512	15.00
UM1	Radio, AM with stereo tape	3,834	199.00
UM2	Radio, AM-FM with stereo tape	2,060	363.00
U05	Horns, dual	18,709	4.00
U14	Special Instrumentation	9,854	88.00
U35	Clock	18,228	17.00
U58	Radio, AM-FM stereo	8,167	233.00
U63	Radio, AM	77,993	69.00
U69	Radio, AM-FM	26,025	135.00
U80	Speaker, rear seat	40,292	19.00
V01	Radiator, heavy duty	13,133	15.00
V30	Bumper Guards, front and rear	15,308	34.00

1975 FACTORY OPTIONS *cont...*

RPO	Description	Qty	Retail
YF5	Emission Equipment, required for California	11,604	$45.00
ZJ7	Rally Wheels	63,026	46.00
ZJ9	Auxiliary Lighting	21,380	22.50
Z08	Sports Decor	6,728	42.00
Z21	Style Trim Group	66,541	55.00
Z54	Interior Decor and Quiet Sound Package	15,941	35.00
Z85	Rally Sport Package	7,000	238.00
Z86	Suspension, gymkhana	3,711	112.00

• Prices shown were introductory retail including delivery and handling. They didn't include transportation or state/local taxes. Camaro base prices, delivery charges, and some option costs changed during the year.

• Chevrolet records also indicate the following sales: RPO A02 (tinted windshield) 2,598 sold, RPO F41 (special purpose suspension) 422 sold, RPO K05 (engine block heater) 2,349 sold, RPO QLQ (E60x14 white letter tires) 909 sold, and RPO Z28 (special performance package) 1 sold.

• The base 6-cylinder engine was 250ci, 105hp. The base V8 engine was 350ci, 145hp, but wasn't available in California. For a V8 in California, RPO LM1 had to be ordered.

•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 C24 (hide-a-way wipers) included with Type LT.

• RPO C60 (air cond) included heavy-duty radiator and 61-amp generator.

• RPO D35 (sport mirrors) included with Type LT or RPO Z08.

• RPO D55 (console) included floor-mount shifter (when automatic was ordered), rear seat courtesy and compartment lights.

• RPO D80 (spoilers) included front air dam and three-piece rear spoiler.

• RPO D88 (stripes) available in black only, all models.

• RPO FE8 (radial tuned suspension) included special front and rear stabilizers and shock absorbers.

• RPO J50 (power brakes) were included when V8 and air conditioning were ordered.

• RPO M20 (4-speed) available only with RPO LM1 engine.

• RPO M40 (Turbo Hydra-Matic) was available with all models.

• RPO N65 (space saver tire) was $1.27 credit with radial tires.

• RPO PE1 (turbine wheels) cost $75 with Type LT, required radial tires.

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

• RPO QEG (E78x14 blackwall tires) were $105.42 credit with RPO N65.

• RPO QEH (E78x14 white stripe tires) were $74.42 credit with RPO N65.

• RPO U14 (special instruments) included tach, ammeter, and temperature gauges plus clock, all in main panel, V8 only, included with Type LT.

• RPO V01 (heavy-duty radiator) included when air conditioning and 6-cylinder engine ordered.

• RPO ZJ7 (rally wheels) included 14x7 wheels, hubcaps, and trim rings. Included with Type LT.

• RPO ZJ9 (auxiliary lighting) included ashtray, courtesy, trunk and glovebox lights. The cost was $20 with Type LT Coupe or Sport Coupe with RPO Z54 Interior Decor Package.

• RPO Z08 (Sports Decor) included body-colored inserts on door handles and bumpers, and sport mirrors. Cost $40 on Sport coupe with Style Trim, $15 on Type LT without Style Trim, $13 on Type LT with Style Trim.

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

1975 FACTORY OPTIONS *cont...*

• RPO Z54 (interior decor and quiet sound package) included glovebox light and additional instrument cluster lighting, woodgrain accents on instrument cluster, special engine compartment, hood, and interior insulation. Included with Type LT.

• RPO Z85 (rally sport) included special black treatment of hood, header panel, grille, headlamp bezels, top surface of front fender, forward portion of roof, upper portion of door and side windows, rear end panel and license opening; tri-color striping separating black from body color at roof, side and front fenders; tri-color rally sport decals on front fender and deck lid; sport mirrors with Sport Coupe. Not available with vinyl roof, RPO P01 wheel covers, or RPO PE1 turbine wheels. Cost $165 with Type LT.

• RPO Z86 (gymkhana suspension) included 15x7 wheels with bright lug nuts, special center caps and trim rings, E60x15 white letter tires, special front and rear stabilizers and shock absorbers, and special steering gear. Not available with RPO P01 wheel covers, RPO PE1 turbine wheels. V8 required. Cost $66 with Rally Sport or Type LT.

1975 COLORS

Code	Exterior	Vinyl Top	Interiors
11	Antique White	B-Bk-Br-Dr-G-R-Ss-W	Bk-Bkr-Dr-Gs-S-Ss-Wbk-Wr
13	Silver	B-Bk-Dr-Sv-W	Bk--Dr-Wbk
15	Light Gray	Bk-Dr-W	Bk-Dr-Gs-S-Wbk
26	Bright Blue	B-Bk-Sv-W	Bk-Wbk
29	Midnight Blue	B-Bk-Sv-W	Bk-Gs-Wbk
44	Med. Green	Bk-G-W	Bk-Wbk
49	Dark Green	Bk-G-Ss-W	Bk-Gs-S-Ss-Wbk
50	Cream Beige	Bk-Ss-W	Bk-S-Ss-Wbk
51	Bright Yellow	Bk-W	Bk-Gs-Wbk
55	Sandstone	Bk-Ss-W	Bk-S-Ss-Wbk
58	Dark Sandstone	Bk-Ss-W	Bk-S-Ss-Wbk
63	Light Saddle	Bk-Br-W	Bk-S-Wbk
64	Med. Orange	Bk-Br-W	Bk-Gs-S-Ss-Wbk
74	Dark Red	Bk-Dr-Sv-W	Bk-Gs-Dr-Wbk
75	Light Red	Bk-R-W	Bk-Bkr-S-Ss-Wbk-Wr

• Vinyl top and interior combinations shown were recommended by Chevrolet as most attractive, but other combinations were permitted.

• Striping was available on all models, but only in black.

• Sport coupe vinyl interiors were available in Bk, Bkr, Wbk, Wr, S and Ss. Sport coupe cloth interiors were available Bk, Bkr and Ss. Type LT knit vinyl interiors were available in S and Ss. Type LT knit cloth interiors were available in Dr, Gs, S and Ss.

• According to Chevrolet dealer order guides and sales literature, leather-trimmed interiors for Camaro Type LT models were available for about four months during 1975 in saddle (code 632) and dark red (code 732) at a cost of $216.00. However, Chevrolet sales records do not reflect actual sales to retail customers.

Interior Codes: **16D**=Gs-kc-LT, **19C**=Bk-c-SC, Bkr-c-SC, **19V**=Bk-v-SC, Bkr-v-SC, Bkw-c-SC, **55C**=Ss-c-SC, **55D**=Ss-kc-LT, **55V**=Ss-v-SC, **55W**=Ss-kv-LT, **63D**=S-kc-LT, **63V**=S-v-SC, **63W**=S-kv-LT, **73D**=Dr-kc-LT, **91V**=Wbk-v-SC, Wr/v/SC.

• Codes 19V and 91V could have had either black or red carpet.

Abbreviations: B=Blue, Bk=Black, Bkr=Black seats with red carpet, Br=Brown, c=cloth, Dr=Dark Red, G=Green, Gs=Graystone, kc=knit cloth, kv=knit vinyl, LT=Type LT, R=Red, S=Saddle, SC=Sport Coupe, Ss=Sandstone, Sv=Silver, v=vinyl, W=White, Wbk=White seats with black carpet, Wr=White seats with red carpet.

CAMARO

1975 VEHICLES WITH STANDARD EQUIPMENT

Prices shown are effective with production on or after April 1, 1975

Description	Model Number	Wheel-base	Dealer Invoice Amount*	Dealer Price	Factory D&H§	List Price	Mfr's Sgt'd Retail Price★	Destination Charge & Group Number	Total
◆ **6-Cylinder Engine**									
Sport Coupe—4-Passenger	**1FQ87**	108″	3014.69	2944.17	14.05	3526.00	3540.05	**11**.....	.....
◆ **8-Cylinder Engine**									
Sport Coupe—4-Passenger	**1FQ87**	108″	3142.66	3069.24	14.05	3671.00	3685.05	**11**.....	.....
Type LT Coupe—4-Passenger	**1FS87**	108″	3465.49	3384.63	14.05	4043.00	4057.05	**11**.....	.....

★ 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 production on or after April 1, 1975

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						
Air Conditioning: *Four-Season.* Includes 61-amp generator and increased cooling.						
With 6-cylinder engine.	C60	339.30	330.60	N.A.	435.00	435.00
With 8-cylinder engine. Also includes J50 brakes	C60	382.20	372.40	N.A.	490.00	490.00
Axle, Positraction Rear	G80	38.22	37.24	N.A.	49.00	49.00
Axle Ratios:						
High Altitude	G92	9.36	9.12	N.A.	12.00	12.00
Highway	G95	9.36	9.12	N.A.	12.00	12.00
Battery, Heavy-Duty: 15-plate, 80-amp-hr	UA1	11.70	11.40	N.A.	15.00	15.00
Belts, Color-Keyed Seat and Shoulder: Includes color-keyed belts and plastic buckles. (Standard belts and plastic buckles are black.) *REPLACING STANDARD NUMBER OF BELTS;* 4 seat and 2 front shoulder	AK1	12.48	12.16	N.A.	16.00	16.00
Brakes, Power	J50	42.90	41.80	N.A.	55.00	55.00
Bumper Equipment: *Guards, Bumper.* Front and Rear	V30	26.52	25.84	N.A.	34.00	34.00
California Emission Certification: Includes all testing, equipment and /or certification necessary for registration in the State of California	YF5	35.10	34.20	N.A.	45.00	45.00
Clock, Electric: Standard on Type LT Coupe. Included with U14 special instrumentation	U35	13.26	12.92	N.A.	17.00	17.00
Console: Includes floor-mounted shift lever with automatic transmission. Also includes rear seat courtesy and compartment lights	D55	53.04	51.68	N.A.	68.00	68.00
Defogger, Rear Window: Forced-Air	C50	31.98	31.16	N.A.	41.00	41.00
Door Lock System: Power	AU3	43.68	42.56	N.A.	56.00	56.00
Engines: (Refer to Dealer Order Guide for California Requirements)						
250-1 BBL L6	L22			*NO ADDITIONAL CHARGE*		
350-2 BBL V8	L65			*NO ADDITIONAL CHARGE*		
350-4 BBL V8	LM1	42.12	41.04	N.A.	54.00	54.00
Floor Covering:						
Carpet, Deluxe. Front and rear passenger compartment floor.	B49	23.40	22.80	N.A.	30.00	30.00
Mats, Color-Keyed Floor. 2 Front and 2 Rear	B37	10.92	10.64	N.A.	14.00	14.00
Glass, Soft-Ray Tinted: All windows	A01	35.10	34.20	N.A.	45.00	45.00
Horns, Dual	U05	3.12	3.04	N.A.	4.00	4.00
Instrumentation, Special: Standard on Type LT Coupe. Includes tachometer, ammeter and temperature gauge plus U35 electric clock in instrument cluster and additional instrument cluster lighting	U14	68.64	66.88	N.A.	88.00	88.00
Interior Decor /Quiet Sound Group: Standard on Type LT Coupe. Includes glove compartment light and additional instrument cluster lighting; wood-grained accents on instrument cluster plus special engine compartment, hood and interior insulation	Z54	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.

CAMARO

OPTIONS AND ACCESSORIES WHEN INSTALLED BY CHEVROLET

Prices shown are effective with production on or after April 1, 1975

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						
Lighting, Auxiliary: Includes headlight warning buzzer, ashtray, instrument courtesy, luggage compartment and underhood lights.						
Sport Coupe without Z54 Interior Decor /Quiet Sound Group. Also includes glove compartment light	ZJ9	17.55	17.10	N.A.	22.50	22.50
Sport Coupe with Z54 Interior Decor /Quiet Sound Group or Type LT Coupe	ZJ9	15.60	15.20	N.A.	20.00	20.00
Mirrors:						
Sport. LH outside remote-control and RH manual sport mirrors. Standard on Type LT Coupe	D35	21.06	20.52	N.A.	27.00	27.00
Visor Vanity	D34	2.34	2.28	N.A.	3.00	3.00
Moldings:						
Body Side. Includes vinyl insert	B84	29.64	28.88	N.A.	38.00	38.00
Door Edge Guard	B93	5.46	5.32	N.A.	7.00	7.00
Roof Drip. Included with vinyl roof or Z21 Style Trim	B80	11.70	11.40	N.A.	15.00	15.00
Paint, Exterior: *Solid*	. . .			*NO ADDITIONAL CHARGE*		
Radiator, Heavy-Duty	V01	11.70	11.40	N.A.	15.00	15.00
Radio Equipment: Pushbutton						
AM Radio	U63	53.82	52.44	N.A.	69.00	69.00
AM /FM Radio	U69	105.30	102.60	N.A.	135.00	135.00
AM /FM Stereo Radio	U58	181.74	177.08	N.A.	233.00	233.00
Stereo Tape System with AM Radio	UM1	155.22	151.24	N.A.	199.00	199.00
Stereo Tape System with AM /FM Stereo Radio	UM2	283.14	275.88	N.A.	363.00	363.00
Speaker, Rear Seat	U80	14.82	14.44	N.A.	19.00	19.00
Rally Sport Equipment: Includes special black treatment of hood, header panel, grille, headlamp bezels, top surface of front fender, forward portion of roof, upper portion of door and side windows, rear end panel and license opening; tri-color striping separating black from body color at roof, side and front fenders; tri-color rally sport decals on front fender and deck lid.						
Sport Coupe. Also includes black painted D35 sport mirrors and ZJ7 rally wheels	Z85	185.64	180.88	N.A.	238.00	238.00
Type LT Coupe	Z85	128.70	125.40	N.A.	165.00	165.00
Roof Cover, Vinyl: Includes bright roof drip moldings	. . .	67.86	66.12	N.A.	87.00	87.00
Seat Back, Adjustable Drivers: 2 positions	AN6	14.04	13.68	N.A.	18.00	18.00
Spoilers: *Front and Rear.* Includes front valance spoiler, rear deck and side panel spoiler. Front spoiler shipped loose for dealer installation	D80	60.06	58.52	N.A.	77.00	77.00
Steering Wheel: *Comfortilt*	N33	38.22	37.24	N.A.	49.00	49.00
Stowaway Spare:						
Without radial tires	N65	11.70	11.40	(-.90)	15.00	14.10
With radial tires	N65	N.C.	N.C.	(-1.27)	N.C.	(-1.27)
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	42.90	41.80	N.A.	55.00	55.00
Suspension:						
Gymkhana. Includes 15" x 7" wheels with bright lug nuts, special center caps and trim rings; E60-15 W /L tires; special front stabilizer; rear stabilizer; HD front and rear shock absorbers plus special steering gear						
Sport Coupe						
Without Z85 Rally Sport	Z86	87.36	85.12	N.A.	112.00	112.00
With Z85 Rally Sport	Z86	51.48	50.16	N.A.	66.00	66.00
Type LT Coupe	Z86	51.48	50.16	N.A.	66.00	66.00
Radial Tuned. Includes special front stabilizer; rear stabilizer plus special front and rear shock absorbers	FE8	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.

CAMARO

OPTIONS AND ACCESSORIES WHEN INSTALLED BY CHEVROLET

Prices shown are effective with production of 1975 Vehicles

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						
Transmissions:						
3-Speed Manual	M15			*NO ADDITIONAL CHARGE*		
Turbo Hydra-matic	M40	192.70	188.00	N.C.	235.00	235.00
4-Speed Wide-Range	M20	179.58	175.20	N.C.	219.00	219.00
4-Speed Close-Ratio	M21	179.58	175.20	N.C.	219.00	219.00
Trim, Interior: *Leather*	...	168.48	164.16	N.C.	216.00	216.00
Wheel Trim:						
Full Wheel Covers	P01	23.40	22.80	N.C.	30.00	30.00
Rally Wheels. Standard on Type LT Coupe. Includes styled wheels, special hub caps and trim rings	ZJ7	35.88	34.96	N.C.	46.00	46.00
Turbine I Wheels. 14" x 7".						
Sport Coupe	PE1	86.19	83.98	N.C.	110.50	110.50
Type LT Coupe	PE1	58.50	57.00	N.C.	75.00	75.00
Windows, Power	A31	70.98	69.16	N.C.	91.00	91.00
Windshield Wipers, Hide-A-Way: Standard on Type LT Coupe. Includes articulated LH blade	C24	16.38	15.96	N.C.	21.00	21.00

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

CAMARO

1975 VEHICLES WITH STANDARD EQUIPMENT

Prices shown are effective with production on or after April 1, 1975

Description	Model Number	Wheel-base	Dealer Invoice Amount*	Dealer Price	Factory D&H§	List Price	Mfr's Sgt'd Retail Price★	Destination Charge & Group Number	Total
◆ **6-Cylinder Engine**									
Sport Coupe—4-Passenger	**1FQ87**	108"	3014.69	2944.17	14.05	3526.00	3540.05	**11**.....	.....
◆ **8-Cylinder Engine**									
Sport Coupe—4-Passenger	**1FQ87**	108"	3142.66	3069.24	14.05	3671.00	3685.05	**11**.....	.....
Type LT Coupe—4-Passenger	**1FS87**	108"	3465.49	3384.63	14.05	4043.00	4057.05	**11**.....	.....

★ 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 production on or after April 1, 1975

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						
Air Conditioning: *Four-Season* ncludes 61-amp generator and increased cooling.						
With 6-cylinder engine	C60	339.30	330.60	N.A.	435.00	435.00
With 8-cylinder engine. Also includes J50 brakes	C60	382.20	372.40	N.A.	490.00	490.00
Axle, Positraction Rear	G80	38.22	37.24	N.A.	49.00	49.00
Axle Ratios:						
High Altitude	G92	9.36	9.12	N.A.	12.00	12.00
Highway	G95	9.36	9.12	N.A.	12.00	12.00
Battery, Heavy-Duty: 15-plate, 80-amp-hr	UA1	11.70	11.40	N.A.	15.00	15.00
Belts, Color-Keyed Seat and Shoulder: Includes color-keyed belts and plastic buckles. (Standard belts and plastic buckles are black.) *REPLACING STANDARD NUMBER OF BELTS.*						
4 seat and 2 front shoulder	AK1	12.48	12.16	N.A.	16.00	16.00
Brakes, Power	J50	42.90	41.80	N.A.	55.00	55.00
Bumper Equipment: *Guards, Bumper.* Front and Rear	V30	26.52	25.84	N.A.	34.00	34.00
California Emission Certification: Includes all testing, equipment and /or certification necessary for registration in the State of California	YF5	35.10	34.20	N.A.	45.00	45.00
Clock, Electric: Standard on Type LT Coupe. Included with U14 special instrumentation	U35	13.26	12.92	N.A.	17.00	17.00
Console: Includes floor-mounted shift lever with automatic transmission. Also includes rear seat courtesy and compartment lights	D55	53.04	51.68	N.A.	68.00	68.00
Defogger, Rear Window: Forced-Air	C50	31.98	31.16	N.A.	41.00	41.00
Door Lock System: Power	AU3	43.68	42.56	N.A.	56.00	56.00
Engines: (Refer to Dealer Order Guide for California Requirements)						
250-1 BBL L6	L22			*NO ADDITIONAL CHARGE*		
350-2 BBL V8	L65			*NO ADDITIONAL CHARGE*		
350-4 BBL V8	LM1	42.12	41.04	N.A.	54.00	54.00
Floor Covering:						
Carpet, Deluxe. Front and rear passenger compartment floor.	B49	23.40	22.80	N.A.	30.00	30.00
Mats, Color-Keyed Floor. 2 Front and 2 Rear	B37	10.92	10.64	N.A.	14.00	14.00
Glass, Soft-Ray Tinted: All windows	A01	35.10	34.20	N.A.	45.00	45.00
Horns, Dual	U05	3.12	3.04	N.A.	4.00	4.00
Instrumentation, Special: Standard on Type LT Coupe. Includes tachometer, ammeter and temperature gauge plus U35 electric clock in instrument cluster and additional instrument cluster lighting	U14	68.64	66.88	N.A.	88.00	88.00
Interior Decor /Quiet Sound Group: Standard on Type LT Coupe. Includes glove compartment light and additional instrument cluster lighting; wood-grained accents on instrument cluster plus special engine compartment, hood and interior insulation	Z54	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.

CAMARO

OPTIONS AND ACCESSORIES WHEN INSTALLED BY CHEVROLET

Prices shown are effective with production on or after April 1, 1975

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						
Lighting, Auxiliary: Includes headlight warning buzzer, ashtray, instrument courtesy, luggage compartment and underhood lights.						
Sport Coupe without Z54 Interior Decor /Quiet Sound Group. Also includes glove compartment light	ZJ9	17.55	17.10	N.A.	22.50	22.50
Sport Coupe with Z54 Interior Decor /Quiet Sound Group or Type LT Coupe	ZJ9	15.60	15.20	N.A.	20.00	20.00
Mirrors:						
Sport. LH outside remote-control and RH manual sport mirrors. Standard on Type LT Coupe	D35	21.06	20.52	N.A.	27.00	27.00
Visor Vanity	D34	2.34	2.28	N.A.	3.00	3.00
Moldings:						
Body Side. Includes vinyl insert	B84	29.64	28.88	N.A.	38.00	38.00
Door Edge Guard	B93	5.46	5.32	N.A.	7.00	7.00
Roof Drip. Included with vinyl roof or Z21 Style Trim	B80	11.70	11.40	N.A.	15.00	15.00
Paint, Exterior: *Solid*	. . .			*NO ADDITIONAL CHARGE*		
Radiator, Heavy-Duty	V01	11.70	11.40	N.A.	15.00	15.00
Radio Equipment: Pushbutton						
AM Radio	U63	53.82	52.44	N.A.	69.00	69.00
AM /FM Radio	U69	105.30	102.60	N.A.	135.00	135.00
AM /FM Stereo Radio	U58	181.74	177.08	N.A.	233.00	233.00
Stereo Tape System with AM Radio	UM1	155.22	151.24	N.A.	199.00	199.00
Stereo Tape System with AM /FM Stereo Radio	UM2	283.14	275.88	N.A.	363.00	363.00
Speaker, Rear Seat	U80	14.82	14.44	N.A.	19.00	19.00
Rally Sport Equipment: Includes special black treatment of hood, header panel, grille, headlamp bezels, top surface of front fender, forward portion of roof, upper portion of door and side windows, rear end panel and license opening; tri-color striping separating black from body color at roof, side and front fenders; tri-color rally sport decals on front fender and deck lid.						
Sport Coupe. Also includes black painted D35 sport mirrors and ZJ7 rally wheels	Z85	185.64	180.88	N.A.	238.00	238.00
Type LT Coupe	Z85	128.70	125.40	N.A.	165.00	165.00
Roof Cover, Vinyl: Includes bright roof drip moldings	. . .	67.86	66.12	N.A.	87.00	87.00
Seat Back, Adjustable Drivers: 2 positions	AN6	14.04	13.68	N.A.	18.00	18.00
Spoilers: *Front and Rear.* Includes front valance spoiler, rear deck and side panel spoiler. Front spoiler shipped loose for dealer installation	D80	60.06	58.52	N.A.	77.00	77.00
Steering Wheel: *Comfortilt.*	N33	38.22	37.24	N.A.	49.00	49.00
Stowaway Spare:						
Without radial tires	N65	11.70	11.40	(-.90)	15.00	14.10
With radial tires	N65	N.C.	N.C.	(-1.27)	N.C.	(-1.27)
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	42.90	41.80	N.A.	55.00	55.00
Suspension:						
Gymkhana. Includes 15" x 7" wheels with bright lug nuts, special center caps and trim rings; E60-15 W /L tires; special front stabilizer; rear stabilizer; HD front and rear shock absorbers plus special steering gear						
Sport Coupe						
Without Z85 Rally Sport	Z86	87.36	85.12	N.A.	112.00	112.00
With Z85 Rally Sport	Z86	51.48	50.16	N.A.	66.00	66.00
Type LT Coupe	Z86	51.48	50.16	N.A.	66.00	66.00
Radial Tuned. Includes special front stabilizer; rear stabilizer plus special front and rear shock absorbers	FE8	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.

CAMARO

OPTIONS AND ACCESSORIES WHEN INSTALLED BY CHEVROLET

Prices shown are effective with production of 1975 Vehicles

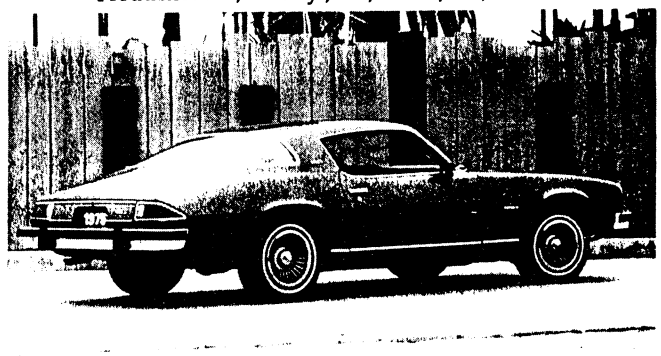
Description	Option Number	Dealer Invoice Amount*	Dealer Price	Factory D&H§	List Price	Mfr's Suggested Retail Price◇
REFER TO DEALER ORDER GUIDE FOR OPTION AVAILABILITY AND APPLICATION						
Transmissions:						
3-Speed Manual	M15		*NO ADDITIONAL CHARGE*			
Turbo Hydra-matic	M40	192.70	188.00	N.C.	235.00	235.00
4-Speed Wide-Range	M20	179.58	175.20	N.C.	219.00	219.00
4-Speed Close-Ratio	M21	179.58	175.20	N.C.	219.00	219.00
Trim, Interior: *Leather*	...	168.48	164.16	N.C.	216.00	216.00
Wheel Trim:						
Full Wheel Covers	P01	23.40	22.80	N.C.	30.00	30.00
Rally Wheels. Standard on Type LT Coupe. Includes styled wheels, special hub caps and trim rings	ZJ7	35.88	34.96	N.C.	46.00	46.00
Turbine I Wheels. 14" x 7".						
Sport Coupe	PE1	86.19	83.98	N.C.	110.50	110.50
Type LT Coupe	PE1	58.50	57.00	N.C.	75.00	75.00
Windows, Power	A31	70.98	69.16	N.C.	91.00	91.00
Windshield Wipers, Hide-A-Way: Standard on Type LT Coupe. Includes articulated LH blade	C24	16.38	15.96	N.C.	21.00	21.00

* 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

1975 CAMARO

Production: 29,749 6-cyl, 116,021 V8, 145,770 total.



1975 Camaro Type LT Coupe *Chevrolet photo*

1975 NUMBERS

Vehicle Identification Example: 1Q87H5N500001

- Second digit is model level: Q=Sport Coupe S=Type LT Coupe
- Fifth digit is engine code: D=250ci, 105hp H=350ci, 145hp L=350ci, 155hp
- Sixth digit is model year: 5=1975
- Seventh digit is N for Norwood assembly.
- Last six digits increased one with each car built at Norwood.

Dimensions: Length: 195.4 inches Height: 49.1 inches
Width: 74.4 inches Wheelbase: 108.0 inches

Suffix:

CJL: 250ci, at, ce	CJZ: 250ci, at, ce, ep	CML: 350ci, at, ce
CJT: 250ci, at	CHW: 350ci, at	CMU: 350ci, mt
CJU: 250ci, mt	CMB: 350ci, mt	CRX: 350ci, at

Abbreviations: at=Turbo Hydra-Matic automatic transmission, ce=california emission controls, ci=cubic inch, ep=early production, mt=manual transmission.

1975 FACTS

- The styling of the 1975 model was a carryover from the previous year, except that the rear window was a larger, wrap-around design to reduce the "blind spot" rear vision problem inherent in 1970-1974 models.
- The RPO Z28 special performance package, available with all Camaros since 1967, was discontinued in 1975. However, the option did appear in early Chevrolet dealer ordering information, and Chevrolet records show that one 1975 Z28 was built. It's unknown if this single vehicle was sold to a retail customer, or was for prototype purposes only.
- The 1975 model was the first to require unleaded fuel. With that came a catalytic converter, "unleaded fuel only" decals, a restricted fuel filler neck, and a screw-on fuel cap.
- Radial tires, optional in 1974, became standard equipment in 1975. But bias-belted tires could be ordered as delete-cost options.
- Power door locks became optional in 1975. Cruise control, not available as a factory-installed option since the 1968 model, was listed as optional in 1975, but Chevrolet sales records do not indicate any installations. Also, a fuel economy light to measure engine vacuum changes was planned as an instrument option, but was cancelled.

1975 FACTS *cont...*

- The Rally Sport option was not available at the start of 1975 production, but did return at midyear as RPO Z85. Unlike previous Rally Sport packages, this one did not feature the hidden headlamps of the first generation, or the snout grill of the second; rather, it was a distinctive paint and stripe package.

1975 FACTORY OPTIONS

RPO	Description	Qty	Retail
1FQ87	Camaro Sport Coupe, 6-cylinder	29,749	$3,553.05
1FQ87	Camaro Sport Coupe, 8-cylinder	76,178	3,698.05
1FS87	Camaro Type LT Coupe, 8-cylinder	39,843	4,070.05
AK1	Belts, color-keyed seat and shoulder	29,236	16.00
AN6	Adjustable Seat Back, driver side	9,181	18.00
AU3	Power Door Locks	5,599	56.00
A01	Soft Ray Tinted Glass, all windows	113,104	45.00
A31	Power Windows	10,596	91.00
B37	Floor Mats, color-keyed front and rear	43,385	14.00
B49	Carpet, deluxe front and rear	1,940	30.00
B84	Moldings, body side	73,864	38.00
B93	Guards, door edge	38,449	7.00
C09	Vinyl Roof Cover	26,885	87.00
C24	Windshield Wipers, hide-a-way	23,532	21.00
C50	Defroster, rear window	35,139	41.00
C60	Air Conditioning	77,276	435.00
D34	Mirror, visor vanity	—	3.00
D35	Mirrors, sport right and left remote exterior	80,646	27.00
D55	Console	134,039	68.00
D80	Spoilers, front and rear	21,028	77.00
D88	Striping, black	39,843	77.00
FE8	Suspension, radial tuned	12,201	35.00
G80	Positraction, rear axle	8,957	49.00
G92	Rear Axle, high altitude	93	12.00
G95	Rear Axle, highway	1,596	12.00
J50	Power Brakes	49,356	55.00
LM1	Engine, 155hp, 350ci Turbo-Fire V8	31,569	54.00
M20	Transmission, 4-speed wide range	8,681	219.00
M40	Transmission, Turbo Hydra-Matic automatic	126,518	235.00
N33	Tilt Steering Column	31,418	49.00
N65	Spare Tire, space saver	169	14.10
PE1	Wheels, turbine-style	3,601	110.50
P01	Wheel Covers, bright metal	29,594	30.00
QBT	Tires, FR78x14 belted radial white letter	18,865	46.00
QDW	Tires, FR78x14 belted radial white stripe	97,076	33.00
QEG	Tires, FR78x14 belted blackwall	2,499	-105.90
QEH	Tires, E78x14 belted white stripe	13,839	-74.90
UA1	Battery, heavy duty	7,512	15.00
UM1	Radio, AM with stereo tape	3,834	199.00
UM2	Radio, AM-FM with stereo tape	2,060	363.00
U05	Horns, dual	18,709	4.00
U14	Special Instrumentation	9,854	88.00
U35	Clock	18,228	17.00
U58	Radio, AM-FM stereo	8,167	233.00
U63	Radio, AM	77,993	69.00
U69	Radio, AM-FM	26,025	135.00
U80	Speaker, rear seat	40,292	19.00
V01	Radiator, heavy duty	13,133	15.00
V30	Bumper Guards, front and rear	15,308	34.00

1975 FACTORY OPTIONS *cont...*

RPO	Description	Qty	Retail
YF5	Emission Equipment, required for California	11,604	$45.00
ZJ7	Rally Wheels	63,026	46.00
ZJ9	Auxiliary Lighting	21,380	22.50
Z08	Sports Decor	6,728	42.00
Z21	Style Trim Group	66,541	55.00
Z54	Interior Decor and Quiet Sound Package	15,941	35.00
Z85	Rally Sport Package	7,000	238.00
Z86	Suspension, gymkhana	3,711	112.00

• Prices shown were introductory retail including delivery and handling. They didn't include transportation or state/local taxes. Camaro base prices, delivery charges, and some option costs changed during the year.

• Chevrolet records also indicate the following sales: RPO A02 (tinted windshield) 2,598 sold, RPO F41 (special purpose suspension) 422 sold, RPO K05 (engine block heater) 2,349 sold, RPO QLQ (E60x14 white letter tires) 909 sold, and RPO Z28 (special performance package) 1 sold.

• The base 6-cylinder engine was 250ci, 105hp. The base V8 engine was 350ci, 145hp, but wasn't available in California. For a V8 in California, RPO LM1 had to be ordered.

• 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 C24 (hide-a-way wipers) included with Type LT.

• RPO C60 (air cond) included heavy-duty radiator and 61-amp generator.

• RPO D35 (sport mirrors) included with Type LT or RPO Z08.

• RPO D55 (console) included floor-mount shifter (when automatic was ordered), rear seat courtesy and compartment lights.

• RPO D80 (spoilers) included front air dam and three-piece rear spoiler.

• RPO D88 (stripes) available in black only, all models.

• RPO FE8 (radial tuned suspension) included special front and rear stabilizers and shock absorbers.

• RPO J50 (power brakes) were included when V8 and air conditioning were ordered.

• RPO M20 (4-speed) available only with RPO LM1 engine.

• RPO M40 (Turbo Hydra-Matic) was available with all models.

• RPO N65 (space saver tire) was $1.27 credit with radial tires.

• RPO PE1 (turbine wheels) cost $75 with Type LT, required radial tires.

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

• RPO QEG (E78x14 blackwall tires) were $105.42 credit with RPO N65.

• RPO QEH (E78x14 white stripe tires) were $74.42 credit with RPO N65.

• RPO U14 (special instruments) included tach, ammeter, and temperature gauges plus clock, all in main panel, V8 only, included with Type LT.

• RPO V01 (heavy-duty radiator) included when air conditioning and 6-cylinder engine ordered.

• RPO ZJ7 (rally wheels) included 14x7 wheels, hubcaps, and trim rings. Included with Type LT.

• RPO ZJ9 (auxiliary lighting) included ashtray, courtesy, trunk and glovebox lights. The cost was $20 with Type LT Coupe or Sport Coupe with RPO Z54 Interior Decor Package.

• RPO Z08 (Sports Decor) included body-colored inserts on door handles and bumpers, and sport mirrors. Cost $40 on Sport coupe with Style Trim, $15 on Type LT without Style Trim, $13 on Type LT with Style Trim.

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

1975 FACTORY OPTIONS *cont...*

• RPO Z54 (interior decor and quiet sound package) included glovebox light and additional instrument cluster lighting, woodgrain accents on instrument cluster, special engine compartment, hood, and interior insulation. Included with Type LT.

• RPO Z85 (rally sport) included special black treatment of hood, header panel, grille, headlamp bezels, top surface of front fender, forward portion of roof, upper portion of door and side windows, rear end panel and license opening; tri-color striping separating black from body color at roof, side and front fenders; tri-color rally sport decals on front fender and deck lid; sport mirrors with Sport Coupe. Not available with vinyl roof, RPO P01 wheel covers, or RPO PE1 turbine wheels. Cost $165 with Type LT.

• RPO Z86 (gymkhana suspension) included 15x7 wheels with bright lug nuts, special center caps and trim rings, E60x15 white letter tires, special front and rear stabilizers and shock absorbers, and special steering gear. Not available with RPO P01 wheel covers, RPO PE1 turbine wheels. V8 required. Cost $66 with Rally Sport or Type LT.

1975 COLORS

Code	Exterior	Vinyl Top	Interiors
11	Antique White	B-Bk-Br-Dr-G-R-Ss-W	Bk-Bkr-Dr-Gs-S-Ss-Wbk-Wr
13	Silver	B-Bk-Dr-Sv-W	Bk--Dr-Wbk
15	Light Gray	Bk-Dr-W	Bk-Dr-Gs-S-Wbk
26	Bright Blue	B-Bk-Sv-W	Bk-Wbk
29	Midnight Blue	B-Bk-Sv-W	Bk-Gs-Wbk
44	Med. Green	Bk-G-W	Bk-Wbk
49	Dark Green	Bk-G-Ss-W	Bk-Gs-S-Ss-Wbk
50	Cream Beige	Bk-Ss-W	Bk-S-Ss-Wbk
51	Bright Yellow	Bk-W	Bk-Gs-Wbk
55	Sandstone	Bk-Ss-W	Bk-S-Ss-Wbk
58	Dark Sandstone	Bk-Ss-W	Bk-S-Ss-Wbk
63	Light Saddle	Bk-Br-W	Bk-S-Wbk
64	Med. Orange	Bk-Br-W	Bk-Gs-S-Ss-Wbk
74	Dark Red	Bk-Dr-Sv-W	Bk-Gs-Dr-Wbk
75	Light Red	Bk-R-W	Bk-Bkr-S-Ss-Wbk-Wr

• Vinyl top and interior combinations shown were recommended by Chevrolet as most attractive, but other combinations were permitted.

• Striping was available on all models, but only in black.

• Sport coupe vinyl interiors were available in Bk, Bkr, Wbk, Wr, S and Ss. Sport coupe cloth interiors were available Bk, Bkr and Ss. Type LT knit vinyl interiors were available in S and Ss. Type LT knit cloth interiors were available in Dr, Gs, S and Ss.

• According to Chevrolet dealer order guides and sales literature, leather-trimmed interiors for Camaro Type LT models were available for about four months during 1975 in saddle (code 632) and dark red (code 732) at a cost of $216.00. However, Chevrolet sales records do not reflect actual sales to retail customers.

Interior Codes: **16D**=Gs-kc-LT, **19C**=Bk-c-SC, Bkr-c-SC, **19V**=Bk-v-SC, Bkr-v-SC, Bkw-c-SC, **55C**=Ss-c-SC, **55D**=Ss-kc-LT, **55V**=Ss-v-SC, **55W**=Ss-kv-LT, **63D**=S-kc-LT, **63V**=S-v-SC, **63W**=S-kv-LT, **73D**=Dr-kc-LT, **91V**=Wbk-v-SC, Wr/v/SC.

• Codes 19V and 91V could have had either black or red carpet.

Abbreviations: B=Blue, Bk=Black, Bkr=Black seats with red carpet, Br=Brown, c=cloth, Dr=Dark Red, G=Green, Gs=Graystone, kc=knit cloth, kv=knit vinyl, LT=Type LT, R=Red, S=Saddle, SC=Sport Coupe, Ss=Sandstone, Sv=Silver, v=vinyl, W=White, Wbk=White seats with black carpet, Wr=White seats with red carpet.

1975
MVMA
Specifications Form

Passenger Car

Manufacturer	Car Line	
Chevrolet Motor Division General Motors Corporation	CAMARO	
Mailing Address Chevrolet Engineering Center 30003 Van Dyke Warren, Michigan 48090	Model Year 1975	Issued: September, 1974 Revised (•)

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

MVMA Specifications Form
Passenger Car

Table Of Contents

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 1975 Issued 9/74 Revised (•) _____

Car Models

Model Description	Make, Car line, Series, Body Type (Mfgr's Model Code)	Max. Number of Passengers (Front/Rear)	
	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 1975 Issued 9/74 Revised (•) _____

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

All dimensions to ground are for comparative purposes only. Dimensions are to be shown for: 4-Dr. Sedan, 2-Dr. H.T., 4-Dr. H.T.,Convertible and Station Wagon.

	SAE Ref. No.	Body Type: 2 - Door Sport Coupes	
		1FQ87	1FS87
Width			
Tread - Front	W101	61.3	61.6
Tread - Rear	W102	60.0	60.3
Maximum overall car width	W103	74.4	
Body width at No. 2 pillar	W117	--	
Max. front doors open	W120	140.5	
Max. rear doors open	W121	--	
Length			
Body "O" to front of dash	L 30	1.2	
Wheelbase	L101	108.0	
Overall car length	L103	195.4	
Overhang - front	L104	42.0	
Overhang - rear	L105	45.4	
Body upper structure length	L123	94.4	
Body "O" line to C/L of rear wheel	L127	86.7	
Body "O" line to w/s cowl point	L130	9.3	
Height			
Passenger Distribution (front & rear)	*	2-2	
Trunk/Cargo load (lbs.)	*	0	
Overall height	H101	49.1	
Cowl height	H114	35.4	
Deck height	H138		
Rocker panel - front: To ground	H112'	6.8	
Rocker panel - front: From front wheel C/L	H112'	--	
Bottom of front door to ground	H133	11.4	
Rocker panel - rear: To ground	H111	5.7	
Rocker panel - rear: From rear wheel C/L	H111	--	
Bottom of rear door to ground	H135	--	
Windshield slope angle	H122	57.4	
Ground Clearance			
Bumper to ground - front	H102	15.1	
Bumper to ground - rear	H104	12.4	
Angle of approach	H106	23° 22'	
Angle of departure	H107	20° 13'	
Ramp breakover angle	H147	15° 32'	
Rear axle differential to ground	H153	5.0	
Min. running clearance (Specify)	H156	5.0 (a)	

*All measurements are made at the stated passenger and trunk/cargo loadings

(a) Catalytic Converter.

MVMA Specifications Form
Passenger Car

Car Line Camaro

Model Year 1975 Issued 9/74 Revised (•) _____

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	37.3	
Effective T Point head room	H75	37.5	
Max. eff. leg room - accelerator	L34	43.9	
H Point to Heel point	H30	6.6	
H Point travel	L17	5.0	
Shoulder room	W3	56.7	
Hip room	W5	56.7	
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	29.6	
H Point to Heel point	H31	8.4	
Min. knee room	L48	-2.6	
Rear Compartment room	L3	22.7	
Shoulder room	W4	54.4	
Hip room	W6	47.3	
Upper body opening to ground	H51	--	
Luggage Compartment			
Usable luggage capacity (cu. ft.)*	V1	6.4 (a)	
Liftover height	H195	28.0	
Position of spare tire storage		RH 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.

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Car Line Camaro

Model Year 1975 Issued 9/74 Revised (•)

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

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

Station Wagon — Third Seat

Shoulder Room	W85	
Hip room	W86	
Effective leg room	L86	NOT 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	
Cargo width - Wheelhouse	W201	NOT 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	
Cargo Length at Floor - Front Seat	L209	NOT APPLICABLE
Cargo volume index (cu. ft.) $\frac{\frac{L208 + L209}{2} \times W4 \times H197}{1728}$	V3	

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Power Teams (Indicate whether standard or optional)

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

SERIES AVAILABILITY	ENGINE						TRANSMISSION	AXLE RATIO ** (Std. first) (Indicate A/C ratio) #			
	Displ. cu. in.	Carb.	Compr. Ratio	SAE Net @ RPM BHP	SAE Net @ RPM Torque	Exhaust System*		A	B	C	D
1FQ87 (Standard) (All States)	250 L6 (L22)	One; 1-bbl.	8.25:1	105 @ 3800	185 @ 1200	S-225	3-spd. manual (3.11:1 low) (not available in California	2.73	-	3.08	-
							3-spd. Auto.*				
1FQ87 (Optional) 1FS87 (Standard) (not available in California)	350 V8 (L65)	One; 2-bbl.	8.5:1	145 @ 3800	250 @ 2200	S-200	3-spd. manual (2.85:1 low)	2.73	2.56	-	-
							3-spd. auto.*				
1FQ87 & 1FS87 (optional) (all states)	350 V8 (LM1)	One; 4-bbl.	8.5:1	155 @ 3800	250 @ 2400	S-200	4-spd. manual* (2.54:1 low)	3.08	-	-	
							3-spd. auto.*	3.08	2.56	-	

*Optional
**Positraction
#Air conditioning available with all axle ratios

A-Base
B-Highway option
C-High altitude option
D-Trailer option

*S — Single D — Dual

MVMA Specifications Form
Passenger Car

Car Line Camaro

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Engine — General

		Engine Displacement			
		L6-250 C.I. L22	V8-350 C.I. L65	V8-350 C.I. LM1	
Type, no. cyls., valve arr.		In-line 6 OHV	90°V8 OHV		
Bore and stroke (nominal)		3.875 x 3.53	4.00 x 3.48		
Piston displacement, cu. in.		250	350		
Bore spacing (C/L to C/L)		4.40			
No. system (front to rear)	L. Bank	1-2-3-4-5-6	1-3-5-7		
	R. Bank	In-line	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			
Cyl. Sleeve-Wet, dry, none		None			
Number of mtg. points	Front	Two			
	Rear	One			
Engine installation angle		3° 16'			
Taxable horsepower	Dia. 2 x No. Cyl. / 2.5	36.0	51.2		
Recommended fuel regular — premium		Unleaded			
Cylinder Head Volume (cc)		72.75	75.47		
Head Gasket Thickness (Compressed)		.032	.021		
Head Gasket Volume (cc)		6.86	4.58		
Deck Clearance (nominal) (above or below block)		.008 (below)	.025 (below)		
Minimum Combustion Chamber Volume (cc)		71.71	74.47		

Engine — Pistons

Material			Cast aluminum alloy		
Description and finish			Sump head, slipper skirt		
Weight (piston only) oz.			20.24	21.33	
Clearance (limits)	Top land		.0245 - .0335	.0235 - .0325	
	Skirt	Top	.0005 - .0015 (b)	.0007 - .0017 (b)	
		Bottom			
Ring groove diameter	No. 1 ring		3.434 - 3.444	3.541 - 3.556	
	No. 2 ring		3.434 - 3.444	3.541 - 3.556	
	No. 3 ring		3.446 - 3.456	3.577 - 3.592	

(a) Measured 1.66 from top of piston

(b) Measured 1.56 from top of piston

MVMA Specifications Form
Passenger Car

Car Line Camaro

Model Year 1975 Issued 9/74 Revised (•) _____

	Engine Displacement		
	L6-250 C.I. L22	V8-350 C.I. L65	V8-350 C.I. 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, barrel face (a)		
	Lower	Cast alloy iron, inside bevel, tapered face (b)		
	Width	(c)	(d)	
	Gap	(f)	Upper .010-.020;Lower .013-.025	
Oil	Description - material, coating, etc.	Multi-piece (2 rai ls and 1 spacer expander) Rails - steel; chrome plated OD; Expander - stainless steel		
	Width	.1850 - .1870		
	Gap	.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		
	Bushing: 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	
Length (center to center)		5.695 - 5.705	5.695 - 5.705	
Bearing	Material & Type	Copper lead alloy (sintered) stl. backed	Premium Aluminum	
	Overall length	.807	.797	
	Clearance (limits)	.0007 - .0027	.0013 - .0035	
	End Play	.007 - .016	.006 - .016	

(a) L6-250 wear resistant coating, molybdenum inlay, graphite impregnated
V8-350 (L65/LM1) Chrome plated
V8-350 (Z28) Wear resistant coating; molybdenum inlay

(b) Wear resistant coating

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

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

(f) Upper & Lower .010 - .020

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Passenger Car

Car Line Camaro

Model Year 1975 Issued 9/74 Revised (•) _____

	Engine Displacement		
	L6-250 C.I.	V8-350 C.I.	
	L22	L65	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		Steel backed insert; copper lead alloy or premium aluminum lining selected for specific application.	
	Clearance		.0003 - .0029	2.4502 x .752
	Journal dia. and bearing overall length	No. 1	2.2999 x .752	2.4502 x .752
		No. 2	2.2999 x .752	2.4502 x .752
		No. 3	2.2999 x .752	2.4502 x .752
		No. 4	2.2999 x .752	2.4502 x .752
		No. 5	2.2999 x .752	2.4508 x 1.180
		No. 6	2.2999 x .752	None
		No. 7	2.2999 x .752	None
	Dir. & amt. cyl. offset		None	
	No. bolts/main brg. cap		14 bolts/7 caps	10 bolts/5 caps
Crankpin journal diameter			1.999 - 2.000	2.099-2.100

Engine—Camshaft

Location			(b)	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		Steel	Steel sprocket
	Camshaft gear or sprocket material		(c)	Nylong teeth with aluminum head
	Timing chain	No. of links	None	46
		Width	None	.625
		Pitch	None	.500

(a) No. 1 - .0008 - .0020
No. 2, 3, & 4 - .0011 - .0023
No. 5 - .0017 - .0033

(b) Above and to right of crankshaft

(c) Bakelite and fab ric composition with steel hub

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			Engine Displacement			
			L6-250 C. I. L22	V8-350 C. I. L65	V8-350 C. I. LM1	

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°		
		Closes (°ABC)	48°	72°		
		Duration (deg.)	244°	280°		
	Exhaust	Opens (°BBC)	64°	78°		
		Closes (°ATC)	50°	30°		
		Duration (deg.)	294°	288°		
	Valve open overlap (deg.)		66°	58°		
Intake	Material		Alloy steel aluminized face on L6-250			
	Overall length		4.902 - 4.922	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 (@ zero lash)		.3880	.3900		
	Outer spring press. & length	Valve closed (lb. @ in.)	50-64 @ 1.66	76-84 @ 1.70		
		Valve open (lb. @ in.)	180-192 @ 1.27	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 aluminized face			
	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 (@ zero lash)		.4051	.4100		
	Outer spring press. & length	Valve closed (lb. @ in.)	50 - 64 @ 1.66	.76 - 84 @ 1.61		
		Valve open (lb. @ in.)	180 - 192 @ 1.27	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 with steel insertion Z28.

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Passenger Car

Car Line Camaro

Model Year 1975 Issued 9/74 Revised (•) ___

Engine Displacement		
L6 - 250 C. I.	V8 - 350 C. I.	
L22	L65	LM1

Engine — Lubrication System

Type of lubrication (splash, pressure, nozzle)	Main bearings	Pressure	
	Connecting rods	Pressure	
	Piston pins	Splash	
	Camshaft bearings	Pressure	
	Tappets	Pressure	
	Timing gear or chain	Nozzle	Centrifugally oiled from crankshaft bearings
	Cylinder walls	Splash	Pressure jet cross sprayed
Oil pump type		Gear	
Normal oil pressure (lb. @ engine rpm)		36 - 41 @ 2000 RPM	32 - 40 @ 2000 RPM
Oil press. sending unit (elect. or mech.)		Electric	
Type oil intake (floating, stationary)		Stationary	
Oil filter system (full flow, part., other)		Full flow	
Filter replacement (element, complete)		Complete	
Capacity of c/case, less filter-refill (qt.)		4	
Oil grade recommended (SAE viscosity and temperature range)		20°F and above - 20W-20, 10W-30, 10W-40, 20W-40, 20W-50 0° to 60°F - 10W, 5W-30, 10W-30, 10W-40 Below 20°F - 5W-20, 5W-30	
Engine service reqmt. (SD, SE, etc.)		SE	

Engine — Exhaust system

Type (single, single with cross-over, dual, other)		Single with single converter	Single with cross-over and single converter
Muffler No. & type (reverse flow, straight thru, separate resonator)		One, reverse flow	
Exhaust pipe dia. (O.D., wall thick.)	Branch (a)	2.25 x .078 (b)	2.00 x .078
	Main (c)	2.25 x .073 (b)	
Tail pipe dia. (O.D. & wall thickness)		2.25 x .062 (d)	

(a) From exhaust manifold /s to converter
(b) Laminated
(c) From converter to muffler
(d) Dual tail pipes on V8-350 Cu. In.

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Car Line Camaro

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Engine Displacement		
L6 - 250 C.I.	V8 - 350 C.I.	
L22	L65 / LM1	

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		
	Filler location		Behind hinged rear license plate		
Fuel Pump	Type (elec. or mech.)		Mechanical		
	Locations		Lower, right front of engine		
	Pressure range		4.00 - 5.00	7.50 - 9.00	
Vacuum booster (std., optional, none)			None		
Fuel Filter	Type		Fine mesh plastic strainer in gasoline tank and		
	Locations		paper filter in carburetor inlet		
Carburetor	Choke type		Automatic		
	Intake manifold heat control (exhaust or water)		Exhaust		
	Air cleaner type	Standard	Thermostically controlled; oil wetted paper element		
		Optional	---		
	Idle speed (spec. neutral or drive)	Manual	800	800	
		Automatic	600	600	
		Idle A/F mix.	Not specified		

Carburetor Supplementary Information

Model Usage	Engine Displ.	Transmission	Carburetors Make	Carburetors Model	No. Used and Type	Barrel Size
1FQ87	250 L22	Manual / Automatic	Rochester	7045017 / 7045016 (7045314)	One; 1-bbl	1.69
	350 L65	Manual / Automatic	Rochester	7045111 / 7041112	One; 2-bbl	1.69
1FQ87	350	Manual	Rochester	7045207 (7045507)	One; 4-bbl.	1.38 Prim. 2.25 Sec.
1FS87	LM1	Automatic		7045206 (7045506)		

NOTE: Data bracketed ( ) pertains to engine application specific to California.

(a) 1800 RPM at pump outlet

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	Engine Displacement		
	L6 - 250 C.I. L22	V8 - 350 C.I. L65	V8 - 350 C.I. LM1

Engine — Cooling System

Type system (pressure, pressure vented, atmospheric, other)			Pressure vented through coolant recovery system		
Radiator cap relief valve pressure			15 ± 1PSI		
Circulation thermostat	Type (choke, bypass)		Choke		
	Starts to open at (°F)		192° - 198°		
Water pump	Type (centrifugal, other)		Centrifugal		
	GPM @ 2000 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 and center		
Cooling system capacity	With heater (qt.)		14	17	
	Without heater (qt.)		-	-	
	Opt. equipment-specify (qt.)		15	18	
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	None		
Fan	Number of blades & spacing		4 - staggered		
	Diameter		17.62	18.00	
	Ratio-fan to crankshaft rev.		1.165:1	.949:1	
	Fan cutout type		None		
	Bearing type		Double row ball		
*Drive belts (indicate belt used by letter)	Fan		A	D (E)	
	Generator or alternator		A	D (E)	
	Water Pump		A	D (E)	
	Power Steering		B	F	
	Air Conditioning			G	
	Air Injection		(C)	(E)	

NOTE: Data bracketed ( ) pertains to engines specific to California.

*Drive Belt Dimensions	A	B	C	D	E	F	G	H	I	J	K
Angle of V	←				34° - 38°						→
Nominal length (SAE)	38.00	48.50	39.00	43.50	47.50	36.00	54.50				
Width	.440	.380	.380	.380	.380	.380	.380				

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Vehicle Emission Control

			Engine Displacement: L6-250 (L22) V8-350 (L65 All States except California	Engine Displacement: L6-250 Auto. Trans.-California Only V8-350 (LM1) - All States
Exhaust Emission Control	Type (Air injection, engine modifications, other)		Engine Modifications	Air Injection
	Air Injection Pump	Type		Semi-articulated vane type
		Displacement		19.3 cubic inch
		Drive ratio	Controlled	1.15:1;
		Drive type		Crankshaft pulley
		Relief valve (type)	Combustion	Diverter Valve
		Filter (describe)		Centrifugal air cleaner
	Air Injection System	Air distribution (head, manifold, etc.)	System	Manifold
		Point of entry		Exhaust Mnfld. (L6) Exh. ports V8
		Injection tube i.d.		.88 (L6) .2700 (V8)
		Check valve type		Pressure plate type
		Backfire protection (type)		Diverter Valve
	Exhaust Gas Recirculation System	Type (controlled flow, open orifice, other)	Controlled Flow	
		Valve type	Vacuum modulated shut off and metering valve	
		Valve location	L6-250 left front V8-350 right rear of inlet manifold	
		Control energy source	Carburetor vacuum	
		Exhaust source	Manifold heat passage L6; Manifold exhaust crossover V8	
		Exhaust cooler type	None	
		Orifice no. and size	One, .030	
		Point of exhaust injection (spacer, carburetor, manifold, other)	Inlet Manifold	
	Other	Carburetor Heated Air	Thermostatically controlled air cleaner regulates and mixes heated air with incoming cold air to reduce hydrocarbon emission.	
		Under Floor Converter	Catalyst encased in a structural steel shell with an aluminized steel cover and a felt insulating blanket between. Exhaust gas flows down through the catalyst that effectively controls the hydrocarbon and carbon monoxide to a more desirable emission	

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Model Year 1975 Issued 9/74 Revised (•)

Engine Displacement

L6-250 C. I.; V8-350 C.I. (L65, LM1)

Vehicle Emission Control (Continued)

Crankcase Emission Control	Type (ventilates to atmos., induction system, other)	Standard	Induction System
		Optional	---
	Control Unit	Make and model	AC Spark Plug - 6487935 (L6); 6487778 (V8)
		Location	Rocker cover top rear L6 and left front V8
		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 (screan, other)	Screen
Evaporative Emission Control	Fuel Tank	Thermal expansion volume (cu. ft.)	Approximately 10% of refill capacity
		Relief pressure (psi) and location	1.1PSI
		Vacuum relief (psi) and location	.7PSI
		Vapor-liquid separator type	Integral with fuel tank
		Vapor vented to (crankcase, canister, other)	Canister

	Carburetor	Vapor vented to (crankcase, canister, other)	Atmospheric L-6 Engine Internally vented V-8 Engines
			----
	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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Engine Displacement	
L6-250 C.I. L22	V8-350 C.I. L65/LM1

Electrical — Supply System

Battery	Make and Model		Delco Remy 1980199	1980200
	Voltage Rtg. & Total Plates		12 volts (2300 watts) 54 plates	12 volts (2900 watts) 66 plates
	SAE Designation No. and/or capacity		Cold cranking rating	Cold cranking rating 0°-350 amps -20-270 amps.; 100 min. reserve capacity
	Location		Right side of engine compartment	
	Terminal grounded		Negative	
Generator or Alternator	Make		Delco Remy	
	Model		1100497	1102397
	Type and rating		Diode rectified - 37 amps	
	Output at engine idle (neutral)		12-20 amps	
	Ratio—Gen. to Cr/s rev.		2-73:1	
Regulator	Make		Delco Remy	
	Model		--	
	Type		Micro circuit unit; integral with alternator	
	Cutout relay	Closing voltage @ generator rpm	None	
		Reverse current to open	None	
	Regulated	Voltage	13.8 - 14.8 @ 85°F	
		Current	--	
	Voltage test conditions	Temperature	Operating	
		Load	3-8 amperes	
		Other	None	

Electrical — Starting System

Starting Motor	Make		Delco Remy	
	Model		1108365	1108418
	Rotation (drive end view)		Clock - wise	
Motor Drive	Engagement type		Positive shift solenoid	
	Pinion engages from (front, rear)		Rear	
	Number of teeth	Pinion	9	
		Flywheel - Manual	153	
		Flywheel - Auto.	153	
	Flywheel tooth face width	Manual	.4010 - .4130	
		Auto.	.4010 - .4130	

MVMA Specifications Form
Passenger Car

Car Line Camaro

Model Year 1975 Issued 9/74 Revised (•) _____

Engine Displacement

L6-250 C. I. L22	L65	V8 -350 C. I. LM1	

Electrical — Ignition System — Distributor

Breaker gap (in.)		Not applicable			
Cam angle (deg.)		Not applicable			
Brkr. arm tension (oz.)		Not applicable			
Distributor	Manual	1112863	1112880	1112888	
	Automatic	1112863 (1110650)	1112880	1112880	
Timing	Manual	10° BTC @ 800	6° BTC @ 800	6° BTC @ 800	
	Automatic	10° BTC @ 600	6° BTC @ 600	4° BTC @ 600	

Distributor Model	CENTRIFUGAL ADVANCE Crankshaft Degrees at Engine RPM			VACUUM ADVANCE Crankshaft Deg. at In. of Mercury	
	Start	Intermediate	Maximum	Start	Maximum
1110650	0° @ 1200	---	14 @ 4200	0° @ 4	16° @ 15
1112863	0° @ 1100	11° @ 2300	20 @ 4200	0° @ 4	16° @ 15
1112880	0° @ 1200	12° @ 2000	22 @ 4200	0° @ 4	18° @ 12
1112888	0° @ 1100	16° @ 2400	22 @ 4600	0° @ 4	18° @ 12

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Car Line Camaro

Model Year 1975 Issued 9/74 Revised (•) _____

Engine Displacement			
L6 - 250 C. I. L22	L65	V8 - 350 C.I. LM 1	

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		1115444	1115293
	Amps	Engine stopped	4.0	
		Engine idling	1.8	
Spark Plug	Make		AC Spark Plug	
	Model		ACR46TX	ACR44TX
	Thread (mm)		14	
	Tightening torque (lb. ft.)		25 (original)	15 (replacement)
	Gap		.060	
Cable	Conductor type		Fiberglass core impregnated with electrical conducting materia	
	Insulation type		Rubber with silicone jacket	
	Spark plug protector		Silicone	

Electrical—Suppression

Locations & type	Non-metallic high tension ignition cables

Electrical—Instruments and Equipment

Speedometer	Type	Dial, with Pointer
	Trip odometer (std. opt., N. A.)	N-A
Charge indicator - type		Tell-tale
Temperature indicator - type		Tell-tale
Oil pressure indicator - type		Tell-tale
Fuel indicator - type		Electric gauge
Windshield wiper	Type - Standard	Electric, two - speed
	Type - Optional	None
Windshield washer	Type - Standard	Push-button
	Type - Optional	None
Horn	Type	Vibrator
	Number used	One (low note)
	Amp draw (each)	4.5 - 6.5 @ 12.5
Other		Parking brake warning light, brake failure warning light, Restraint system warning light and buzzer.

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Passenger Car

Car Line Camaro

Model Year 1975 Issued 9/74 Revised (•) ____

Engine Displacement		
L6 - 250 C.I. L22	V8 - 350 C.I. L65	 LM1

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		
No. of clutch driven discs		One			
Clutch facing	Material	Woven type asbestos			
	Manufacturer	Chevrolet			
	Part Number	3828054	6262868		
	Rivets/Plate	36	36		
	Rivet size	.143 x .213	.184 x .208		
	Outside & inside dia.	9.12 x 6.12	10.34 x 6.50		
	Total eff. area (sq. in.)	71.82	101.54		
	Thickness	.135			
	Engagement cushioning method	Flat spring steel between facings			
Release bearing	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.	Optional	Standard
Automatic (std., opt., N.A.)	Optional		

Drive Units — Manual Trans.

Number of forward speeds		3	3	3	4		
Transmission ratios	In first	3.11	2.85	2.85	2.54		
	In second	1.84	1.68	1.68	1.80		
	In third	1.00	1.00	1.00	1.44		
	In fourth	--	--	--	1.00		
	In reverse	3.22	2.95	2.95	2.54		
Synchronous meshing, specify gears		All forward gears					
Shift lever location		Floor mounted 3 or 4-speed					
Lubricant	Capacity (pt.)	3					
	Type recommended	Meeting Military Specs Mil-L-2105B					
	SAE viscosity number: Summer	SAE 80					
	SAE viscosity number: Winter	SAE 80					
	SAE viscosity number: Extreme cold	SAE 80					

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Car Line Camaro

Model Year 1975 Issued 9/74 Revised (•) _____

Engine Displacement		
L6 - 250 C.I. L22	V8 - 350 C.I. L65 | LM1	

Drive Units—Automatic Transmission

Trade name		Turbo Hydra-matic		
Type (describe)		3-speed torque converter		
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				
Max. kickdown speed - drive range				
Torque convertor	Number of elements	3		
	Max. ratio at stall	2.00		
	Type of cooling (air, liquid)	Water		
	Nominal diameter	11.75		
Lubricant	Capacity - refill (pt.)	8		
	Type recommended	A suffix A		
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 roller	
Lubricant	Capacity (pt.)	4.25	
	Type recommended	Open. Diff. Meeting Military Specs. Mil - L- 2105B	
	SAE viscosity number — Summer	SAE 80	
	SAE viscosity number — Winter	SAE 80	
	SAE viscosity number — Extreme cold	SAE 80	

Axle Ratio Tooth Combinations (See page 5 for axle ratio usage)

Axle ratio		2.56	2.73	3.08		
No. of teeth	Pinion	16	15	13		
	Ring gear	41	41	40		
Ring Gear O. D.		8.50				

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Engine Displacement

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 thick-ness	Manual 3-speed trans.		2.75 x 48.55 x .065
	Manual 4-speed trans.		2.75 x 48.10 x .065
	Automatic transmission		2.75 x 48.10 x .065
Inter-mediate bearing	Type (plain, anti-friction)		None
	Lubrication (fitting, prepack)		--
Slip Yoke	Type		Yoke
	Number of teeth		27
	Spline O. D.		1.502
Universal joints	Make and Mfg. No.		Chevrolet 1285 and 1315
	Number used		Two
	Type (ball and trunnion, cross)		Cross
	Rear attach. (u-bolt, clamp, etc.)		Strap and bolt
	Bearing	Type (plain, anti-friction)	Anti - friction
		Lubric. (fitting, prepack)	Pre - Pack
Drive taken through (torque tube or arms, springs)			Springs
Torque taken through (torque tube or arms, springs)			Springs

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

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Passenger Car

Car Line Camaro

Model Year 1975 Issued 9/74 Revised (•) _____

Body Type And/Or Engine Displacement, Etc.		
Standard 1FQ87	Type LT 1FS87	

Drive Units — Tires And Wheels (Standard)

TIRES	Size, load range, ply		FR78 x 14B		
	Type (bias, radial, etc.)		Steel belted radial		
	Inflation pressure (cold) for recommended max. vehicle load	Front	24		
		Rear	24		
	Rev./mile @ 45 mph		797		
WHEELS	Type & material		Short spoke disc steel		
	Rim (size & flange type)		14 x 6	14 x 7 Rally	
	Wheel offset		.050	.034	
	Attachment	Type (bolt or stud)	Stud		
		Circle diameter	4.75		
		Number & size	5hex. nuts 7/16 - 20 UNF - 2B		
	Spare wheel (same or other)		Same; Space saver spare tire optional		

Drive Units — Tires And Wheels (Optional)

Size, load range, ply	F78 x 14B (2+2)		
Type (bias, radial, etc.)	Bias belted		
Wheel type & material	Short spoke disc steel		
Rim (size, flange type, and offset)	14 x 6 - .054	14 x 7 Rally .034	
Size, load range, ply	--	--	
Type (bias, radial, etc.)	--	--	
Wheel type & material	Short spoke disc steel		
Rim (size, flange type, and offset)	14 x 7 Rally	14 x 7 Turbine	
Size, load range, ply			
Type (bias, radial, etc.)			
Wheel type & material			
Rim (size, flange type, and offset)			
Size, load range, ply			
Type (bias, radial, etc.)			
Wheel type & material			
Rim (size, flange type, and offset)			
Size, load range, ply			
Type (bias, radial, etc.)			
Wheel type & material			
Rim (size, flange type, and offset)			

Brakes — Parking

Type of control		Foot Pedal apply - "T" Handle release
Location of control		Left of steering column under instrument panel
Operates on		Rear service brakes
If separate from service brakes	Type (internal or external)	
	Drum diameter	
	Lining size (length x width x thickness)	

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Passenger Car

Car Line Camaro

Model Year 1975 Issued 9/74 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 with all V8 engines; Optional with L6 engines
Booster Type (remote, integral, etc.)			Integral
Effective area (sq. in.)*			103.5
Gross lining area (sq. in.) **			116.5
Swept area (sq. in.) ***			326.0
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		7.12
	Thickness		1.00
	Material & type (vented/solid)		Cast iron vented
Wheel cylinder bore	Front		2.9375
	Rear		0.875
Master Cylinder	Bore		Manual 1.00; Power 1.125
	Stroke		Manual 1.253; Power 1.408
Pedal arc ratio			Manual 5.89:1, Power 3.58:1
Line pressure at 100 lb. pedal load			Manual 550; Power 900
Shoe Clearance	Front		Self-Adjusting
	Rear		Self-Adjusting
Anti-skid device type (std., opt., N.A.)			N.A.
Brake lining — Front Wheel	Bonded or riveted, rivets/seg.		Front-riveted - 16; Rear-bonded
	Rivet size		.206 x .312
	Manufacturer		Delco Moraine
	Part number		5468646
	Material		Molded asbestos
	Size (length x width x thickness)	Prim. or outboard	5.40 x 1.92 x 0.465
		Second. or inboard	5.40 x 1.92 x 0.465
	Segments per shoe		One
	Shoe thickness		.630
Brake lining — Rear Wheel	Material		Molded asbestos
	Size (length x width x thickness)	Prim. or outboard	9.01 x 2.0 x 0.20
		Second. or inboard	9.75 x 2.0 x 0.20
	Segments per shoe		One
	Shoe thickness		Primary .275; Secondary .305

* Excludes rivet holes, grooves, chamfers, etc.

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

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

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Steering

Manual (std., opt., NA)				
Power (std., opt., NA)				Standard; energy absorbing steering column
Adjustable steering wheel (tilt, swing, other)			Type and description	Tilt: universally jointed steering shft at base of steering wheel; 5 inch vertical travel range.
			(std., opt., NA)	Optional
Wheel diameter			Manual	4-spoke splayed (14.25 x 14.75)
			Power	Same as manual
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 end power piston with vane type pump
	Make			Saginaw Steering
	Gear		Type	Semi-reversible, recirculating ball stud
		Ratios	Gear	16.0:1 on center to 13.0:1
			Overall	15.03:1 on center to 10.61:1
	Pump driven by			Crankshaft pulley
	No. wheel turns (stop to stop)			2.41
Linkage	Type			Parallelogram
	Location (front or rear of wheels, other)			Front
	Drag link (trans. or longit.)			None
	Tie rods (one or two)			Two
Steering Axis	Inclination at camber (deg.)			10.35 @ 1° camber
	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.)			0 ± 1
	Camber (deg.)			P1 ± 3/4
	Toe-in (outside track inches)			1/16 ± 1/16
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

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Passenger Car

Car Line Camaro

Model Year 1975 Issued 9/74 Revised (•)

Body Type And/Or Engine Displacement

Suspension — General

(See Supplement page for details on Air Suspension)

Provision for car leveling		Front Stabilizer Bar
Provision for brake dip control		Front Suspension Geometry
Provision for acc. squat control		Rear Suspension Geometry
Special provisions for car jacking		Slots in outboard portion of front & rear bumper face bars
Shock absorber front & rear	Type	Direct double acting hydraulic
	Make	Delco
	Piston dia.	1.00
Other special features		

Suspension — Front

Type and description		Independent SLA type with coil springs
Travel	Full Jounce	3.33
	Full Rebound	3.58
Spring	Type (coil, leaf, other)	Coil
	Material	Steel alloy
	Size (coil design height & I.D., bar length x dia.)	11.0 x 4.05; 116.14 x .617 (a)
	Spring rate (lb. per in.)	300 (a)
	Rate at wheel (lb. per in.)	
Stabilizer	Type (link, linkless, frameless)	Link
	Material & bar diameter	HR steel; Base 15/16

Suspension — Rear

Type and description			Salisbury rear axle with multiple leaf springs
Drive and torque taken through			Rear Springs
Travel	Full Jounce		2.85
	Full Rebound		Left 5.85 Right 6.23
Spring	Type (coil, leaf, ether)		Multiple leaf
	Material		Chrome carbon leaf
	Size (length x width, coil design height & I.D., bar length & dia.)		56.0 x 2.50 (a)
	Spring rate (lb. per in.)		95
	Rate at wheel (lb. per in.)		
	Mounting insulation type		Rubber bushed at shackle and hanger
	If leaf	No. of leaves	Five
		Shackle (comp. or tens.)	Compression
Stabilizer	Type (link, linkless, frameless)		Link
	Material & bar diameter		Steel - .562
Track bar type			None

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

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Car Line Camaro

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Body Type

2-Door Sport Coupe

Frame

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

Body — Miscellaneous Information

Drs. hinged (front, rr.)	Front doors	Front
	Rear doors	None
Type of finish (lacquer, enamel, other)		Acrylic lacquer
Hood counterbalanced (yes, no)		Yes
Hood release control (internal, external)		External
Vehicle Indent. No. location		Top left hand of instrument panel pad
Engine No. location		6 Cyl. - Right side of cylinder block, rear of distributor 8 Cyl. - Top front of RH bank of cylinder case
Theft protection - type		Lock mounted on steering column; locks steering wheel, transmission shift lever and ignition
Vent window control method (crank, friction pivot)	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 (i.e., single curved - laminated plate)		Single curved, laminated plate
Side glass type (i.e., curved - tempered plate)		Curved, tempered plate
Backlight glass type (i.e., compound curved - tempered plate, three piece)		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

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Car Line Camaro

Model Year 1975 Issued 9/74 Revised (•)

Body Type
2-Door Sport Coupe

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 Push-Button, AM-FM Push-Button AM-FM Stereophonic
Rear seat speaker		Optional
Power antenna		NA
Clock		Standard 1FS87 - Optional 1FQ87
Air conditioner (specify type and availability)		Optional - Four Season, manual control Available with V-8 engine models only
Speed warning device		NA
Speed control device		NA
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 system		Optional
Windshield Antenna		Available with factory installed radio, and with tinted winshield glass

Lamp Height And Spacing*

Height above ground to center of bulb or marker	Headlamp (H125)	Highest**	26.0
		Lowest	--
	Tail (H126)	Highest	22.9
		Lowest	--
	Sidemarker	Front	23.8
		Rear	21.9
Distance from C/L of car to center of bulb	Headlamp	Inside	--
		Outside**	27.8
	Tail	Inside	--
		Outside	26.4
	Directional	Front	19.6
		Rear	26.4

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

**If single headlamps are used enter here.

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Passenger Car

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Vehicle Weights

Model	CURB WEIGHT * (Pounds)			% PASS. WEIGHT DISTRIBUTION				SHIPPING WEIGHT ** (Pounds)
				Pass. In Front		Pass. In Rear		
	Front	Rear	Total	Front	Rear	Front	Rear	
STANDARD (a)								
2-Door Sport Coupe 1FQ87	1885	1646	3531	40.7	59.3	15.3	84.7	3421
TYPE LT (b)								
2-Door Sport Coupe 1FS87	2030	1696	3726	40.7	59.3	15.3	84.7	3616

(a) L6-250 Cu. in. engine

(b) V8-350 Cu. in. L65 engine

* Reference - SAE Aerospace-Automotive drawing standards, Section E 1.02 (d).

** Shipping weight definition - Weight of basic vehicle with regular equipment, including grease, oil and (3) gallons of gasoline and engine coolant to capacity.

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Optional Equipment Weights

Equipment Differential Weights	WEIGHT (Pounds) Front	Rear	Total	Remarks
Air Conditioning	+ 83	+ 10	+ 93	With L65 and LM1 Engines
Power Brakes	+ 11	+ 1	+ 12	
Electric Door Locks	+ 3	+ 4	+ 7	
Power Windows	+ 5	+ 4	+ 9	
Front & Rear Floor Mats	+ 5	+ 5	+ 10	
Exterior Soft Roof Cover	+ 2	+ 3	+ 5	
Front Compartment Console	+ 4	+ 2	+ 6	With 3-speed transmission
	+ 4	+ 2	+ 6	With 4-speed transmission
	+ 8	+ 3	+ 11	With automatic transmission
Sport Suspension and Styled wheels 15x7	+ 26	+ 46	+ 72	With L65 & LM1 Engines
Spec. Whl. Hub Cap & Trim Ring	+ 8	+ 10	+ 18	
Turbine I Wheels 14 x 7 (Urethane Styled Steel)	+ 13	+ 19	+ 32	
Radio AM Push - Button	+ 5	+ 2	+ 7	
Radio AM/FM Push - Button	+ 6	+ 2	+ 8	
Radio AM/FM Stereophonic	+ 11	+ 4	+ 15	
Combined Interior - Decor Quiet Sound Group	+ 7	+ 11	+ 18	
350 Cu. in. L65	+105	+ 6	+ 124	1FQ87
350 Cu. in. LM1	+109	+ 6	+ 115	1 FQ87
350 Cu. in. LM1	+ 4	0	+ 4	1FS87
4-Speed Transmission	+ 4	+ 2	+ 6	Used with LM1
Turbo Hydra-matic Trans.	+ 15	+ 8	+ 23	Used with L22
	+ 15	+ 8	+ 23	Used with L65, LM1

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Body Type

Vehicle Fiducial Marks

Fiducial Mark Number *

Define Coordinate Location

Front

X - 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.

Y - 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.

Z - Fiducial Mark to Horizontal Body Zero Line - Front,
Measured vertically from body zero line to the front fiducial mark located on top of the front seat adjuster mounting bolt.

Rear

X - Fiducial Mark to Centerline of Car - Rear,
Width measurement made from centerline of car to fiducial mark located on the underbody longitudinal reinforcement bar.

Y - Fiducial Mark to Vertical Body Zero Line - Rear,
Measured horizontally from body zero line to the rear fiducial mark located on the underbody longitudinal reinforcement bar.

Z - Fiducial Mark to Horizontal Body Zero Line - Rear,
Measured vertically from body zero line to the rear fiducial mark located on the underbody longitudinal reinforcement bar.

Fiducial Mark Number	Coordinate Location of Fiducial Mark			Fiducial Mark to Ground at Design	
Front	X	Y	Z		
	21.26	27.63	5.04	Standard Coupe Type LT Coupe	9.43
Rear	X	Y	Z		
	23.20	75.00	0.86	Standard Coupe Type LT Coupe	4.54

• Reference — SAE Recommended Practice, J182

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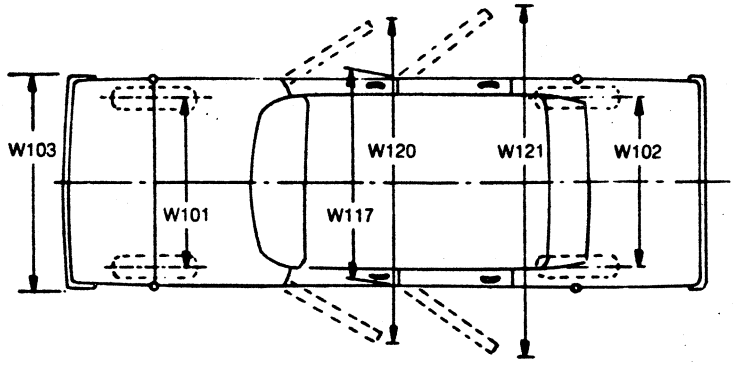
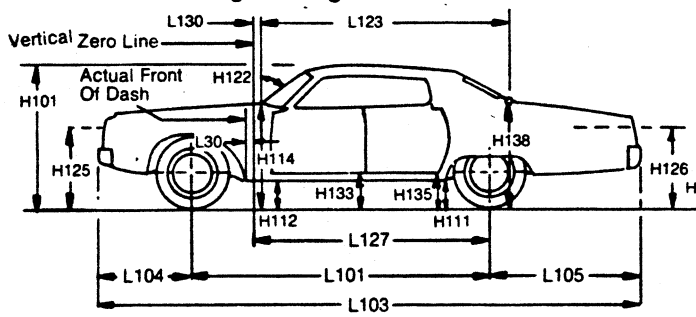
Exterior Car And Body Dimensions — Key Sheet

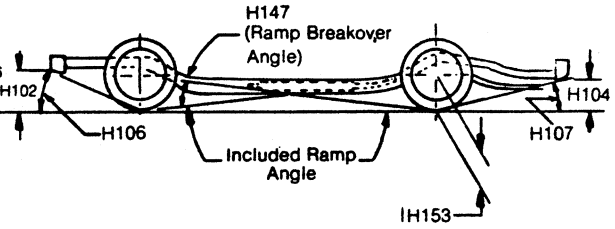
Width



Length & Height

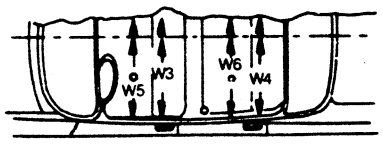


Ground Clearance

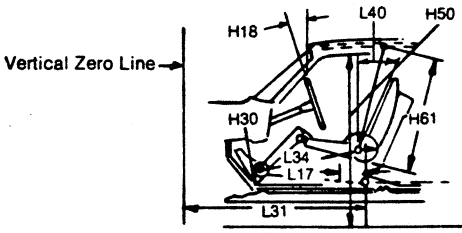


Interior Car And Body Dimensions — Key Sheet

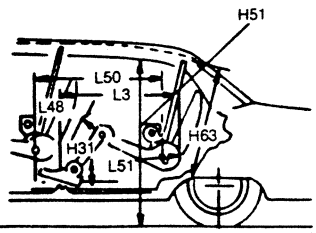
Width



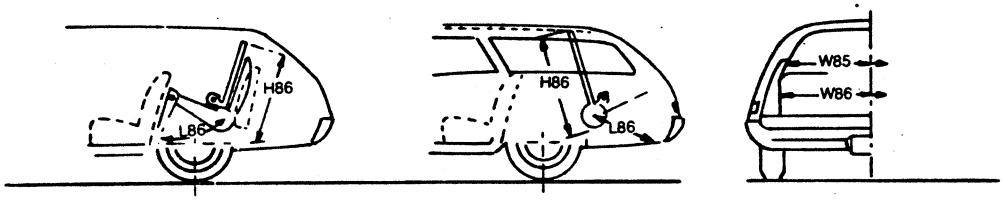
Front Compt.



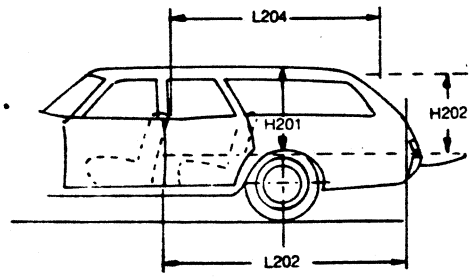
Rear Compt.

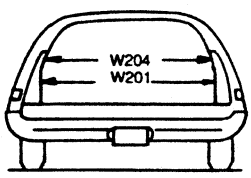


Third Seat

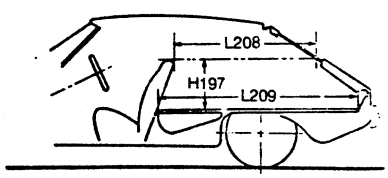


Cargo Space





Station Wagon



Hatchback

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.

L130 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.

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

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