GENERAL

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

ONLY BASIC DESIGNATIONS SHOWN

VEHICLE IDENTIFICATION NUMBER

Vehicle Designation Interpretation

1 Q 87 Q 6 N 500001

- 500001 — Sequential No.
- N — Assembly Plant (*)
- 6 — Model Year 1976
- Q — 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.)
Q – V8-305 (140 H.P.)
L – V8-350 (165 H.P.)

***Q – Camaro

EXAMPLE: The twenty-fifth Chevrolet vehicle built at GMAD Norwood if it were a 1FQ87 model (Camaro Sport Coupe) with A V8-305 (140 H.P.) engine would bear VIN Number 1Q87Q6N500025.

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

TRANSMISSION IDENTIFICATION

Example: S6E01

Type Designation	Source Designation	Model Year 1976	Production° Month & Date
CH	S (Muncie)	6	E01D*

UX	3-Speed	L-6 engine	S - Muncie
UX	3-Speed	V-8 engine	S - Muncie
UF	4-Speed	V-8 engine	R - Muncie
TK	Turbo Hydra-matic	L-6 engine	D - Parma Y - Toledo
TF	Turbo Hydra-matic	V-8 engine	D - Parma 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: F1210CCD

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

250 Cubic Inch 6-Cylinder

CCD - Regular engine, 3-speed
CCF - Regular engine, Turbo Hydra-matic (Chevrolet)

305 Cubic Inch 8-Cylinder (RPO LG3)

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

350 Cubic Inch 8-Cylinder (RPO LM1)

CHT - Optional engine, 4-speed, 4-bbl. carb.
CHU - 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

PU – 2.73 Axle
PW – 3.08 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.
(C) Chevrolet item
(F) Fisher item

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 Spear Rocker Panel Molding (C)	X-N		X-N
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 (Integral with rear end panel applique) (C)		X-N	
Brushed Aluminum Applique on Rear End Panel (F)		X-N	
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.
"N" indicates New for 1976.
(C) Chevrolet item
(F) Fisher item

INTERIOR EQUIPMENT

	Standard (1FQ87 Model)	Type LT (1FS87 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
Specific Front Bucket Seats with deeply contoured backs		X	
Deluxe Seat Trim (F)		O-N	
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. Color Coordinated Pull Cup Insert Added Inside Arm Rest Depression, Upper Portion Features Multiple Vertical Seam-lines (F)	X-N		X-N
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)		O*	
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	
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 specific model or in the optional package.
"N" Indicates New for 1976.
* Included with Type LT vinyl trimmed seats.
** Requires RPO AK1 Deluxe Seat Belts and Shoulder Harness; 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		
Simulated Leather Applique on Instrument Cluster – with bright work separating upper and lower Instrument Panel (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 and Transmission 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.
"N" indicates New for 1976.
(*) Requires RPO U58, U63 or U69 Radio Equipment.
(F) Fisher item
(C) Chevrolet item

EXTRA COST EQUIPMENT

EQUIPMENT	RPO	ACC.
Adjustable Seat Back Equipment: Driver's Seat only	AN6	
Air Conditioning, Four-Season: (see page 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, vanity visor		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
AM Radio and Stereo Tape Player	UM1	ACC
AM/FM Stereo Radio and Tape Player	UM2	ACC
Speaker, rear seat	U80	ACC
Windshield antenna (When no radio is ordered)	U76	
Roof cover, vinyl – Includes bright drip molding	CB7	
Spoilers, rear deck and Front Valance	D80	
Steering wheel, Comfortilt:		
Available only when automatic transmission is ordered	N33	
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, Custom Styled	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	QBT
E78-14B – bias belted, highway blackwall	QEG
E78-14B – bias belted, white stripe	QEH

EQUIPMENT	RPO	ACC.
FEATURE ITEMS		
Door edge guards	B93	ACC
Color-keyed floor mats – 2 Front, 2 Rear	B37	ACC
Electric clock	U35	
Rear window defogger (Forced Air)	C50	ACC
MODEL OPTIONS		
Exterior style trim option (see page 10 for content)	Z21	
Interior decor/quiet sound group (see page 10 for content)	Z54	
Rally sport package (see page 11 for content)	Z85	
POWER TEAMS		
Turbo-Fire 305 V8	LG3	
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	

RPO Z21 AND Z54

Z21 STYLE TRIM OPTION

MODEL AVAILABILITY
CAMARO (1FQ87 & 1FS87)

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

Z54 INTERIOR DECOR/QUIET SOUND GROUP

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

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

INTERIOR
- Additional Instrument Cluster Lighting (Tell-tale and clock openings illuminated)
- Glove Compartment Lamp
- Additional 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:
  - Simulated Leather Applique (restyled) on instrument Cluster Carrier

Z85 RALLY SPORT PACKAGE

MODEL AVAILABILITY
CAMARO (1FQ87 & 1FS87)

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

EXTERIOR

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

Tri-color striping separating black from body color in appropriate areas of roof, side and front fenders.
Bright edge headlamp bezels.
Argent peripheral bead on grille (bright molding with 1FS87).
Black "Rally Sport" decals on deck lid and front fenders.
Limited body colors (5 available) and interior trim, with the tri-color separation striping color-keyed to each combination.

CHASSIS

Rally wheels (14 x 7", argent) with base FR78-14 blackwall tires.

COMPANION OPTIONS RECOMMENDED WITH RALLY SPORT PACKAGE:

- RPO D80 spoilers – front and rear (rear spoiler includes tri-color striping and "Rally Sport" decal).
- RPO Z21 Style Trim Group.
- RPO QDW or QBT FR78-14 white stripe or white lettered tires.

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

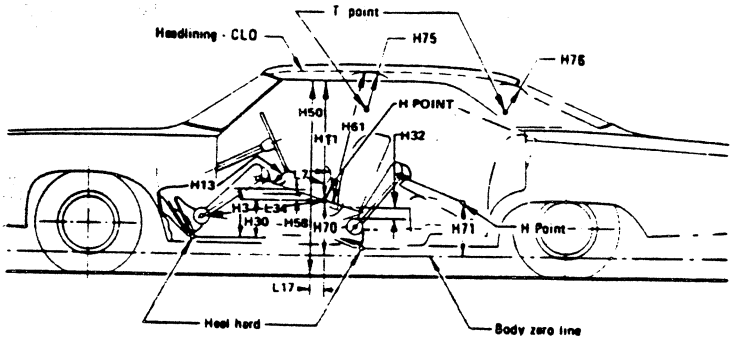
Front and Rear Springs	Heavy duty
Rear Axle Ratio - Refer Power Trains Section	

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

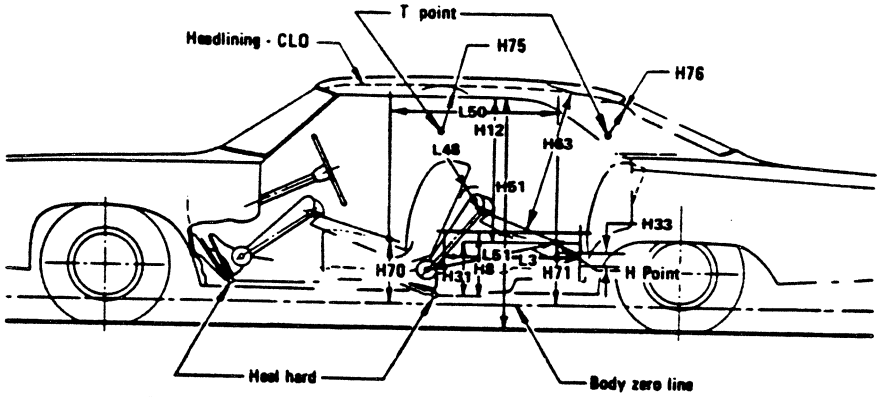
DIMENSIONS AND WEIGHTS

INTERIOR DIMENSIONS



FRONT COMPARTMENT

CODE	DESCRIPTION	2-DOOR SPORT COUPE
H3	Seat cushion height	8.8
H11	Entrance height	29.6
H13	Steering wheel thigh clearance	4.8
H30	H point to heel point	6.1
H32	Seat cushion deflection	2.4
H50	Upper body opening to ground	45.7
H58	H point rise	0.9
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	1FQ87- 52.4 1FS87-56.2
L7	Steering wheel torso clearance	15.1
L17	H point travel	5.0
L34	Effective leg room	44.1



REAR COMPARTMENT

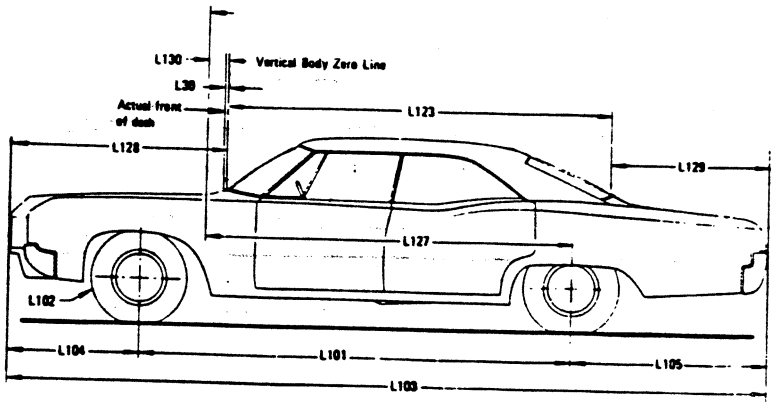
H8	Seat cushion height	10.1
H31	H point to heel point	8.4
H33	Seat cushion deflection	2.6
H63	Effective headroom	36.0
H71	H point to body O line	9.9
H76	Effective 'T' point headroom	35.9
W4	Shoulder room	54.4
W6	Hip room	45.8
L3	Rear compartment room	22.7
L50	H point couple distance	27.3
L51	Effective leg room	29.6

LUGGAGE COMPARTMENT

H195	Liftover height	27.0
V1	Usable luggage capacity (cu.ft.)	6.4*

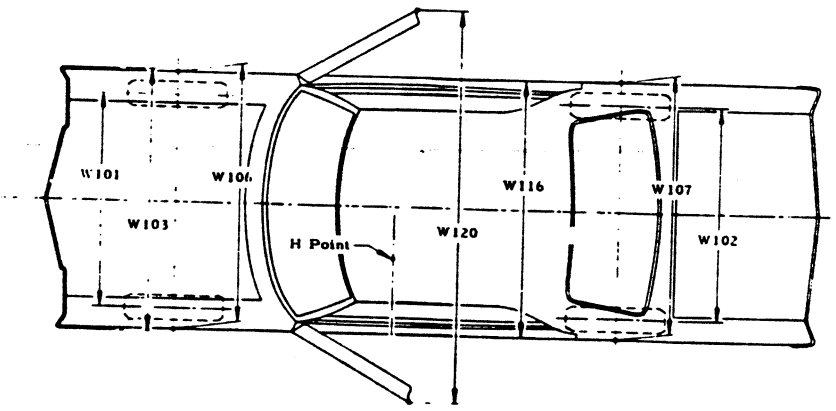
* With space saver tire 7.2 cubic feet

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

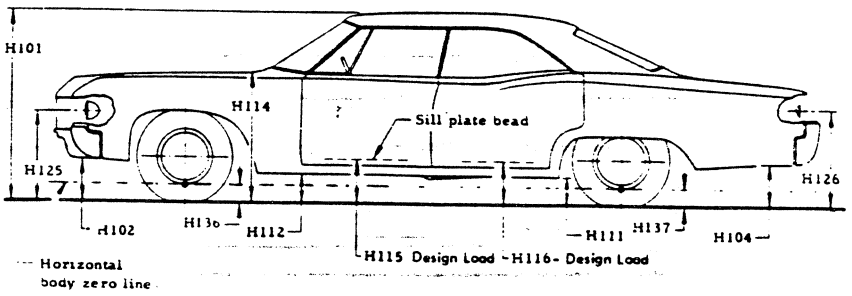


WIDTHS

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

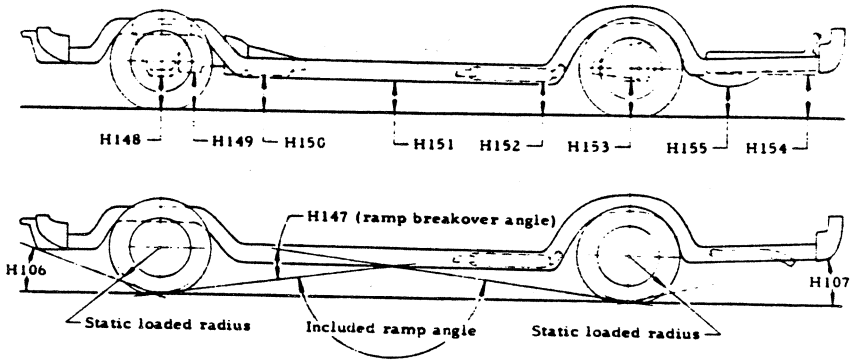
*–W101, (Type LT) Front 61.6, W102, (Type LT) Rear 60.3

EXTERIOR DIMENSIONS



HEIGHTS

CODE	DESCRIPTION	2-DOOR SPORT COUPE
H101	Overall height (design)	49.2
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	6.3
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	1921	1500	3421	1898	1633	3531
1FS87	305 Cu.In. V8 (LG3)	2-Door Sport Coupe	2023	1553	3576	1999	1687	3686

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		+ 6
A31	Power Windows		+ 10
B37	Floor Mats, Front & Rear		+ 10
CB7	Exterior Padded Vinyl Roof		+ 5
C60	Air Conditioning	With 6 Cyl. Engine	+ 78
		With V8 Engine	+ 90
C50	Defogger, Rear Window		+ 6
D55	Floor Console	With 3-Speed Transmission	+ 6
		With 4-Speed Transmission	+ 6
		With Turbo Hydra-Matic Trans.	+ 10
D80	Spoilers, Front and Rear		+ 11
J50	Power Brakes		+ 10
PE1	Custom Styled Wheels (urethane styled steel)		+ 30
UM1	Radio AM with Stereo Tape		+ 20
UM2	Radio AM-FM with Stereo Tape		+ 21
U58	Radio AM/FM Stereo		+ 15
U63	Radio AM Pushbutton		+ 7
U69	Radio AM/FM Pushbutton		+ 8
UA1	Heavy Duty Battery	With L6 Engine	+ 10
		With V8 Engine	+ 1
ZJ7	Spec. Whl. Hub Cap & Trim Ring		+ 15
Z54	Interior Decor/Quiet Sound Group		+ 8
Base	250 Cu.In. 6 Cyl. Engine	With Turbo Hydra-matic Trans.	+ 23
LG3	305 Cu.In. V8 Engine	With Turbo Hydra-matic Trans.	+ 113
LM1	350 Cu.In. V8 Engine	With 4-Speed Transmission	+ 130
		With Turbo Hydra-matic Trans.	+ 147

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	
Silver Metallic	White	11
	Silver Metallic	13
	Black	19
	Dark Blue	35
	Firethorn	36
	Mahogany	37
Black	All available colors	
White	All available colors	
Dark Blue Metallic	White	11
	Silver Metallic	13
	Light Blue	28
	Dark Blue	35
Lt. Buckskin	White	11
	Black	19
	Dark Blue	35
	Firethorn	36
	Mahogany	37
	Cream	50
	Saddle Brown	67
	Red (Orange)	78
	Dark Green	49
	Buckskin	65
Mahogany Metallic	White	11
	Silver Metallic	13
	Firethorn	36
	Mahogany	37
	Cream	50
	Buckskin	65
Firethorn Metallic	White	11
	Silver Metallic	13
	Firethorn	36
	Mahogany	37
	Buckskin	65

1976 CHEVROLET CAMARO 'F' INTERIOR–EXTERIOR COLOR COMBINATIONS

MODEL	Seat Type	INTERIOR COLORS							
		Black				Dark Blue	Dark Firethorn		
		Sport Cloth	Vinyl	Knit Cloth	Knit Vinyl	Knit Cloth	Sport Cloth	Knit Cloth	Vinyl
Standard – 1FQ00 Coupe (87)	Bucket	19B	19M				71B		71M
Type LT – 1FS00 Coupe (87)	Bucket			19C	19N	26C		71C	
EXTERIOR COLORS	Color Code								
White C/O	11	X				X	X		
Silver C/O	13	X				X	X		
Black	19	X				X	X		
Light Blue Metallic	28	X				X	X		
Dark Blue Metallic	35	X				X	–		
Firethorn Metallic	36	X				X	–		
Mahogany Metallic	37	X				–	X		
Lime Metallic	40	X				–	X		
Dark Green Metallic C/O	49	X				–	–		
Cream	50	X				–	–		
Bright Yellow	51	X				–	X		
Buckskin	65	X				–	–		
Saddle Brown Metallic	67	X				–	X		
Red - Orange	78	X				–	–		

NOTE: Solid exterior 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.

1976 CHEVROLET CAMARO 'F' INTERIOR–EXTERIOR COLOR COMBINATIONS

MODEL	Seat Type	INTERIOR COLOR									
		Light Buckskin		White							
		Vinyl	Knit Vinyl	† Vinyl Black	† Vinyl /Dark Lime	† Vinyl /Dark Firethorn	† Vinyl /Dark Blue	† Knit Vinyl /Black	† Knit Vinyl /Dark Blue	† Knit Vinyl Dark Lime	† Knit Vinyl Dark Firethorn
Standard – 1FQ00 Coupe (87)	Bucket	64M		11M	03M	07M	02M				
Type LT – 1FS00 Coupe (87)	Bucket		64N					11N	02N	03N	07N
EXTERIOR COLORS	Color Code										
White C/O	11	X		X	X	X	X	X	X	X	X
Silver C/O	13	X		X	–	X	X	X	X	–	X
Black	19	X		X	–	X	X	X	X	–	X
Light Blue Metallic	28	–		X	–	–	X	X	X	–	–
Dark Blue Metallic	35	X		X	–	–	X	X	X	–	–
Firethorn Metallic	36	X		X	–	X	–	X	–	–	X
Mahogany Metallic	37	X		X	–	X	–	X	–	–	X
Lime Metallic	40	X		X	X	–	–	X	–	X	–
Dark Green Metallic C/O	49	X		X	X	–	–	X	–	X	–
Cream	50	X		X	–	X	–	X	–	–	X
Bright Yellow	51	X		X	–	–	–	X	–	–	–
Buckskin	65	X		X	–	X	–	X	–	–	X
Saddle Brown Metallic	67	X		X	–	–	–	X	–	–	–
Red-Orange	78	X		X	–	X	–	X	–	–	X

NOTES: 11N/11M † – White vinyl interior with Black Instrument Panel upper and lower, Carpet, Cowl Kick Panel, and Package Shelf.

02N/02M † – White vinyl interior with Dark Blue Instrument Panel upper and lower, Carpet, Cowl Kick Panel, and Package Shelf.

03N/03M † – White vinyl interior with Midnight Lime Instrument Panel upper, Dark Lime lower, Dark Lime Carpet, Cowl Kick Panel, and Package Shelf.

07N/07M † – White vinyl interior with Dark Firethorn Instrument Panel upper and lower, Cowl Kick Panel, Carpet, and Package Shelf.

1976 CAMARO "RALLY SPORT" (RPO Z85)
EXTERIOR COLOR, STRIPING & INTERIOR TRIM RECOMMENDATIONS

EXTERIOR COLOR	GM CODE	TRI-COLOR STRIPE	"RALLY SPORT" LETTERING	Model	INTERIOR TRIM								
					Black		White Vinyl With			Dark Firethorn		Light Buckskin	Dark Blue
					Vinyl	Cloth	Black	Dk. Firethorn	Dk. Blue	Vinyl	Cloth	Vinyl	Cloth
White	11	Dark Red (WMH 4410) Medium Red (WMH 4409) Red/Orange (WMH 4930)	Black (WMH 848)	Std.	19M	19B	11M	07M		71M	71B	64M	
				LT	19N	19C	11N	07N			71C	64N	
Silver Metallic	13	Dark Red (WMH 4410) Medium Red (WMH4409) Red/Orange (WMH 4930)	Black (WMH 848)	Std.	19M	19B	11M	07M		71M	71B		
				LT	19N	19C	11N	07N			71C		
Light Blue Metallic	28	Dk. Red Blue (WMH 4931) Medium Blue (WMH 4932) Light Blue (WMH 4933)	Black (WMH 848)	Std.	19M	19B	11M		02M				
				LT	19N	19C	11N		02N				26C
Firethorn Metallic	36	Dark Red (WMH 4410) Medium Red (WMH 4409) Red/Orange (WMH 4930)	Black (WMH 848)	Std.	19M	19B	11M	07M		71M	71B	64M	
				LT	19N	19C	11N	07N			71C	64N	
Bright Yellow	51	Orange (WMH 4934) Yellow/Orange (WMH 4935) Yellow (WMH 4936)	Black (WMH 848)	Std.	19M	19B	11M						
				LT	19N	19C	11N						

NOTE: The combinations shown are the only combinations available.

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 (Std. with Type LT) . . 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 3.15
Rebound 3.76
Wheel to spring travel ratio 2.04:1

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

STEERING KNUCKLES
Description . . . . . Nodular iron with integral brake cylinder mounting pad and detachable steering knuckle arm.
Spindle diameters
Inner bearing 1.2493-1.2498
Outer bearing 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) . . . . . P1 ± 3/4
Caster (degrees) . . . . . 1 ± 1
Toe In (total) . . . . . 1/16 ± 1/8
Steering axis inclination . . . . . 10.35 @ 1° camber

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

FRONT SPRINGS

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

FRONT SPRING SPECIFICATIONS

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
  - E78 x 14B – Bias belted
    - Static loaded radius 12.04
    - Loaded rev/mi @ 45 mph 796
    - Capacity @ 24 psi 1190

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

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 7.81; Right 8.09
Jounce 2.88
Rebound . . . . . Left 4.93; Right 5.21
Wheel to spring, travel ratio 1:1

SHOCK ABSORBERS

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

REAR SPRINGS

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

REAR SPRING SPECIFICATIONS

Part Number	Number of Leaves	Length	Width	Assy. Code	Deflection Load @ Rate (lbs./in.)	Deflection Load @ .71 Spring Camber (lbs.)
480879	5	56.0	2.5	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 (a)
	Sytem		Dual circuit hydraulic system with warning light and self-adjusting features - metering and proportioning valves provide balance between front and rear wheels.	
Front Brakes	Type		Disc – single piston floating caliper	
	Material		Cast iron – vented	
	Diameter and Width		11.0 x 1.03	
	Lining material		Compression molded asbestos composition	
	Method of attachment		Riveted	
	Lining size (length x width x thickness)	Inboard	5.40 x 1.92 x 0.46	
		Outboard	5.40 x 1.92 x 0.46	
	Lining area (sq. in.)		38.76	
	Effective area (sq. in.)		36.80	
	Swept area (sq. in.)		210.4	
	Piston diameter		2.94	
Rear Brakes	Type		Drum – Composite, web cast into rim, finned construction	
	Material		Web – HR steel, Rim – cast alloy iron	
	Diameter and Width		9.5 x 2.0	
	Lining material		Molded asbestos composition	
	Method of attachment		Riveted	
	Lining size (length x width x thickness)	Primary	7.30 x 2.00 x 0.23	
		Secondary	9.46 x 2.00 x 0.23	
	Lining area (sq. in.)		67.04	
	Effective area (sq. in.)		63.72	
	Swept area (sq. in.)		116.06	
	Piston diameter		.938	
Apply System	Master cylinder diameter		1.00	1.125
	Piston travel		1.253	1.408
	Pedal travel		7.38	5.44
	Pedal ratio		6.22:1	3.58:1
	Line pressure @ 100 lb. pedal load		550	900
Parking Brake	Type		Mechanical: pull rods and cables operate rear service brakes; parking brake 'ON' warning lamp provided.	
	Control		Pendulum foot pedal; released by "T" handle located on instrument panel to left of steering wheel	
	Total effective area		63.72	

(a) Standard with V-8 engine models.

BULBS AND LAMPS	NUMBER REQUIRED AND TRADE NUMBER	CANDLE POWER PER LAMP
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	7
Instrument cluster		
Dash panel	6-194	2
License plate	2-168	3
Luggage compartment	1-1003	15
Oil pressure indicator	1-194	2
Parking		
Park	2-1157	22
Turn		24
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	30 amp fuse	In line
	25 amp fuse	Fuse panel (h)
Back-up lamps	20 amp fuse	Fuse panel (b)
Brake warning lamp	10 amp fuse	Fuse panel (c)
Cigarette lighter	20 amp fuse	Fuse panel (e)
Clock	20 amp fuse	Fuse panel (e)
Courtesy lamps	20 amp fuse	Fuse panel (e)
Defogging unit	10 amp fuse	Fuse panel (c)
Direction signal indicator lamps	10 amp fuse	Fuse panel (b)
Dome lamp	20 amp fuse	Fuse panel (e)
Fuel gage	10 amp fuse	Fuse panel (c)
Generator indicator lamp	10 amp fuse	Fuse panel (c)
Glove compartment lamp	20 amp fuse	Fuse panel (e)
Headlamps	Circuit breaker	Light switch
Headlamp hi-beam indicator lamp	Circuit breaker	Light switch
Headlamp buzzer	10 amp fuse	Fuse panel (c)
Heater	25 amp fuse	Fuse panel (h)
Heater control lamp	4 amp fuse	Fuse panel (f)
Instrument cluster lamps	4 amp fuse	Fuse panel (f)
Key warning buzzer	20 amp fuse	Fuse panel (e)
License lamp	20 amp fuse	Fuse panel (d)
Luggage compartment lamp	20 amp fuse	Fuse panel (e)
Oil pressure indicator lamp	10 amp fuse	Fuse panel (c)
Parking lamps	20 amp fuse	Fuse panel (d)
Radio and radio lamp	10 amp fuse	Fuse panel (g)
Radio dial	4 amp fuse	Fuse panel (f)
Seat belt warning lamp	10 amp fuse	Fuse panel (c)
Seat belt warning buzzer	10 amp fuse	Fuse panel (c)
Side Marker lamp - Front	20 amp fuse	Fuse panel (d)
Side Marker lamp - Rear	20 amp fuse	Fuse panel (d)
Tail lamps	20 amp fuse	Fuse panel (d)
Temperature gage	10 amp fuse	Fuse panel (c)
Temperature indicator lamp	10 amp fuse	Fuse panel (c)
Idle stop solenoid	10 amp fuse	Fuse panel (g)
Traffic hazard indicator	20 amp fuse	Fuse panel (a)
Speed cruise control	10 amp fuse	Fuse panel (c)
Stop and turn lamps	20 amp fuse	Fuse panel (a)
Underhood lamp	15 amp fuse	In line
Windshield wiper, two-speed	25 amp fuse	Fuse panel
Windshield washer	4 amp fuse	Fuse panel (f)

* Letter suffix indicates same circuit

POWER TRAINS

POWER TEAM COMBINATIONS

ENGINE	TRANSMISSION	MODEL APPLICATION	AXLE RATIOS* BASE	AXLE RATIOS* HIGH ALTITUDE	RING GEAR
250 Cubic Inch L-6 (4.1 litre) – (L22) Base – all states	3-Speed (3.11:1 low) (a) Turbo Hydra-matic	1FQ87 only	2.73:1	3.08:1	8.50
305 Cubic Inch V-8 (5.0 litre) – (LG3) Optional – all states	3-Speed (3.11:1 low) (a) Turbo Hydra-matic	All Models (Base 1FS87)	2.73:1	3.08:1	8.50
350 Cubic Inch V-8 (5.7 litre) – (LM1) Optional – all states	4-Speed (2.85:1 low) (a) Turbo Hydra-matic	All Models	3.08:1 2.73:1	3.08:1	8.50

* 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	8.49	5.02	2.73		8.79	2.73
305 Cu.In. V-8 RPO LG3	2-Barrel	3-Speed	8.49	5.02	2.73		8.79	2.73
350 Cu.In. V-8 RPO LM1	4-Barrel	4-Speed	8.77	6.22	4.16	3.08	8.78	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	
305 Cu.In. V-8 RPO LG3	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	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	

ENGINE DATA AND RATINGS

GENERAL DATA

Engine		L-6 OHV	V-8 OHV	
Piston Displacement (Cu. In.)		250	305	350
Availability		Standard	LG3	LM1
Number of Cylinders		Six	Eight	
Bore (nominal)		3.875	3.736	4.00
Stroke (nominal)		3.53	3.48	
Compression Ratio		8.25:1	8.5:1	
Taxable (SAE Horsepower)		36.0	44.7	51.2
Firing Order		1-5-3-6-2-4	1-8-4-3-6-5-7-2	
Idling Speed	Manual transmission (in neutral)	800	800	
	Turbo Hydra-matic (in drive)	600		
Comp. Press. (PSI) @ Cranking Speed, Engine Hot		130	160	
Power Plant Mountings	Front	Two, preloaded captive cushion type		
	Rear	One; full shear type		
Measurements	Fan to rear of engine block	35.78	31.55	
	Top of a/clnr to bottom of oil pan	27.22	29.60	28.52
	Width - including air cleaner (a)	17.76	28.53	

(a) L6 engine - (oil filter to exhaust manifold); V8 engines (across exhaust manifold)

ADVERTISED ENGINE RATING

Engine Designation	L-6 250 Cu. In.	V-8 305 Cu. In.	V-8 350 Cu. In.
Availability	Standard	RPO LG3	RPO LM1
Carburetor	Single Barrel	Two Barrel	Four Barrel
Net Brake HP @ RPM	105 @ 3800	140 @ 3800	165 @ 3800
Net Torque @ RPM (lb-ft)	185 @ 1200	245 @ 2000	260 @ 2400

L-6 250 CU. IN. ENGINE

Transmission		3-Speed	Turbo Hydra-matic
Rear Axle Ratio		2.73:1	
Tire Size		FR78 x 14B	
Crankshaft Revolutions per Mile		2175.8	
Crankshaft RPM @ 1 MPH	Low	112.8	91.4
	Second	66.7	55.1
	Third	36.3	36.3 (direct)
	Reverse	116.8	70.0
Piston Travel (ft/mile)		1280:1	

V-8 305 CU. IN. ENGINE (RPO LG3)

Transmission		3-Speed	Turbo Hydra-matic
Rear Axle Ratio		2.73:1	
Tire Size		FR78 x 14B	
Crankshaft Revolutions per Mile		2175.8	
Crankshaft RPM @ 1 MPH	Low	112.8	91.4
	Second	66.7	55.1
	Third	36.3	36.3 (direct)
	Fourth		
	Reverse	116.8	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	2.73:1
Tire Size		FR78 x 14B	
Crankshaft Revolutions per Mile		2454.8	2175.8
Crankshaft RPM @ 1 MPH	Low	116.6	91.4
	Second	82.6	55.1
	Third	55.2	36.3 (direct)
	Fourth	40.9	
	Reverse	116.6	70.0
Piston Travel (ft/mile)		1423.8	1262.0

VEHICLE PERFORMANCE FACTORS

ENGINE MODEL	250 CU.IN. 105 HP 1FQ87	305 CU.IN. 140 HP 1FQ87	350 CU.IN. 165 HP 1FS87
3-SPEED TRANSMISSION			
Performance Weight (pounds)	4131	4221	
Pounds per Net Horsepower	39.34	30.15	
Pounds per Cu.In. Displacement	16.52	13.84	
Net HP per Cu.In. Displacement	.420	.459	
Power Displacement (cu.ft./mile)	157.39	192.02	
Displacement Factor (cu.ft./ton mile)	76.40	91.00	
4-SPEED TRANSMISSION			
Performance Weight (pounds)			4312
Pounds per Net Horsepower			26.13
Pounds per Cu.In. Displacement			12.32
Net HP per Cu.In. Displacement			.471
Power Displacement (cu.ft./mile)			220.35
Displacement Factor (cu.ft./ton mile)			115.09
TURBO HYDRA-MATIC			
Performance Weight (pounds)	4154	4244	4329
Pounds per Net Horsepower	39.56	30.31	26.24
Pounds per Cu.In. Displacement	16.61	13.91	12.37
Net HP per Cu.In. Displacement	.420	.459	.471
Power Displacement (cu.ft./mile)	157.39	192.02	248.60
Displacement Factor (cu.ft./ton mile)	75.67	90.57	102.02

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
  - V8-305 Cu.In. 3.7355-3.7385
  - V8-350 Cu.In. 3.9995-4.0025
- Bearing Caps (Number, material & attachment)
  - L6-250 Cu.In. . . . . 7, cast iron, 2-bolt
  - V8-305 & 350 Cu.In. . . . . 5, cast iron; 2-bolt
- Water Jacket . . . . . Full length around each cylinder
- Bore Spacing (Centerline to Centerline)
  - L6-250 Cu.In. 4.4
  - V8-305 & 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.
  - V8-305 & 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.
- V8-305 Cu.In. . . . . 5.13 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
  - V8-305 & 350 Cu.In. . . . . 8 port, double deck

EXHAUST MANIFOLD
- Material . . . . . Cast alloy iron
- Type
  - L6-250 Cu.In. . . . . 4 port, center downtake
  - V8-305 & 350 Cu.In. . . Dual, 4 port, rear downtake
- Outlet Diameter (Nominal)
  - L6-250 Cu.In. 2.25
  - V8-305 & 350 Cu.In. 2.00

CRANKSHAFT
- Material
  - L6-250 Cu.In. . . . . Cast nodular iron
  - V8-305 & 350 Cu.In. . . . . Cast nodular iron
- End Play
  - L6-250 Cu.In. 002-.006
  - V8-305 & 350 Cu.In. 002-.007
- Counter Weights
  - L6-250 Cu.In. 12
  - V8-305 & 350 Cu.In. 6
- Crank Arm Length
  - L6-250 Cu.In. 1.765
  - V8-305 & 350 Cu.In. 1.740
- Torsional Damper . . . . . Rubber mounted inertia
- Timing Gear
  - L6-250 Cu.In. . . . . Steel; helical cut
  - V8-305 & 350 Cu.In. . . . Steel; sprocket & chain
- Pulley Pitch Diameter 6.64

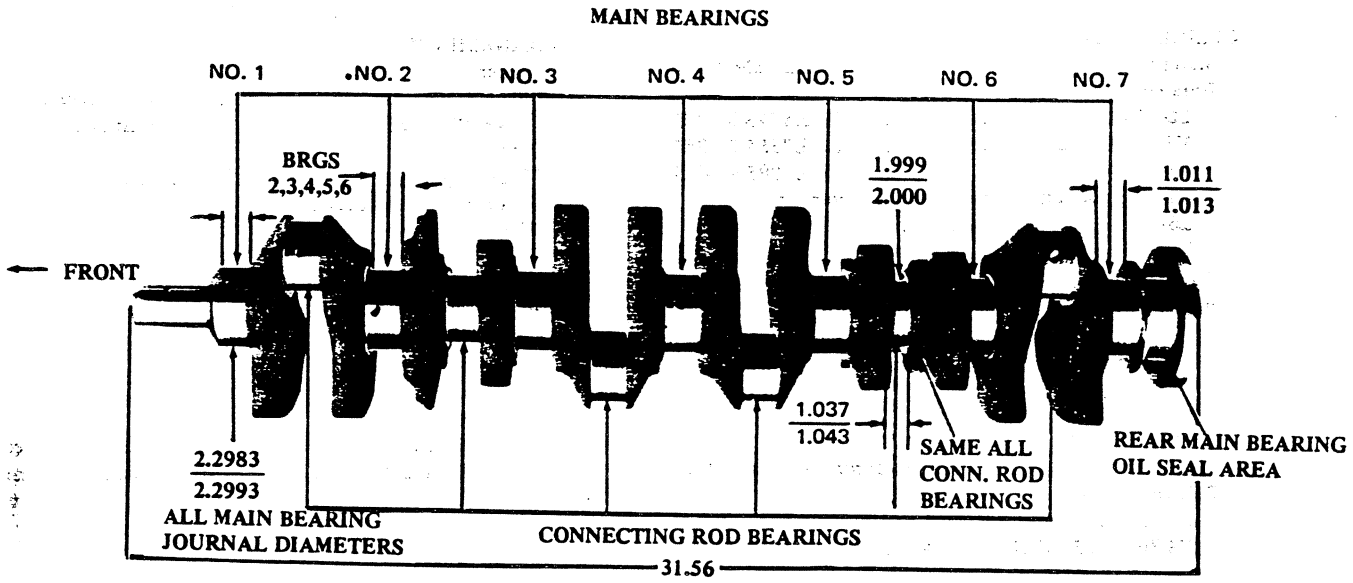
MAIN BEARINGS
- Material . . . . . Steel; backed insert; (copper lead alloy or premium aluminum lining selected for specific engine application)
- Type . . . . . Precision removable
- Thrust Against Bearing No. . . . L6 - No. 7; V8 - No. 5
- Clearance
  - L6-250 Cu.In. 0003-.0029
  - V8-305 & 350 Cu.In. . . . . (N9. 1) .0008-.0020; (No. 2-3-4) .0011-.0023; (No. 5) .0017-.0033

Dimensions

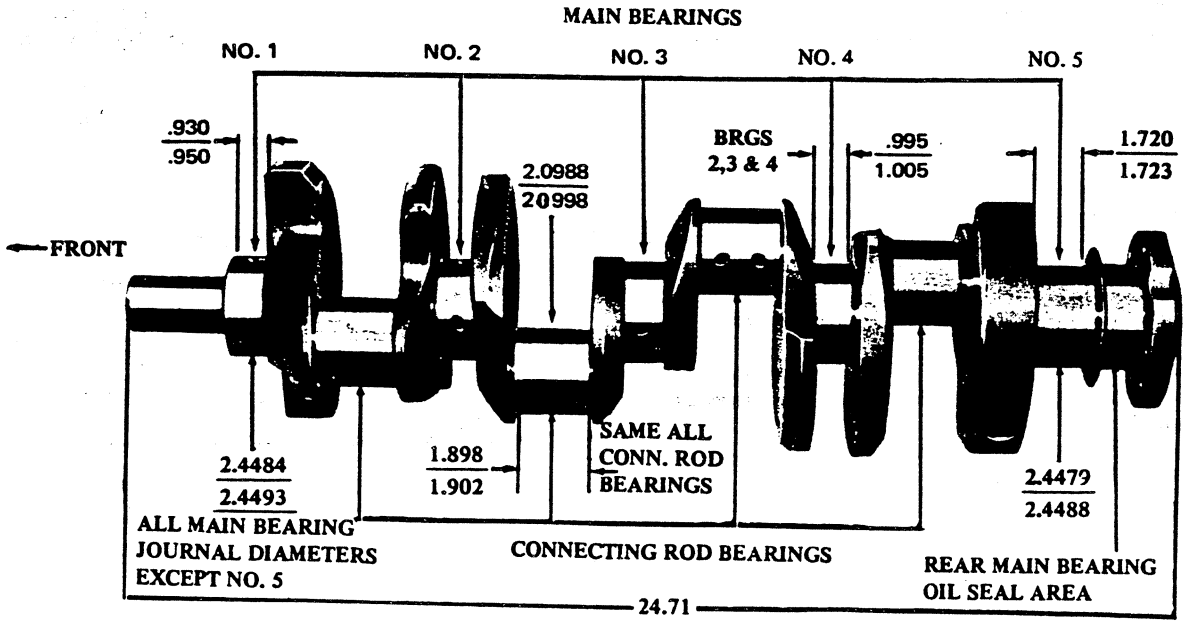
	Theoretical Inner Dia.	Effective Length	Projected Area
L6-250 Cu.In.			
Bearing No. 1-6	2.2999	.752	1.7295
Bearing No. 7	2.2999	.760	1.7479
V8-305 & 350 Cu.In.			
Bearing No. 1-4	2.4502	.752	1.8425
Bearing No. 5	2.4508	1.177	2.8846

CRANKSHAFTS AND BEARINGS

250 CUBIC INCH SIX CYLINDER ENGINE



V8-305 & 350 CUBIC INCH V-8 ENGINE



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
V8-305 Cu.In.	.2484 Inlet; .2733 Exhaust
V8-350 Cu.In.	.2600 Inlet; .2733 Exhaust
Camshaft Bearings	Steel backed babbitt

VALVE TRAIN

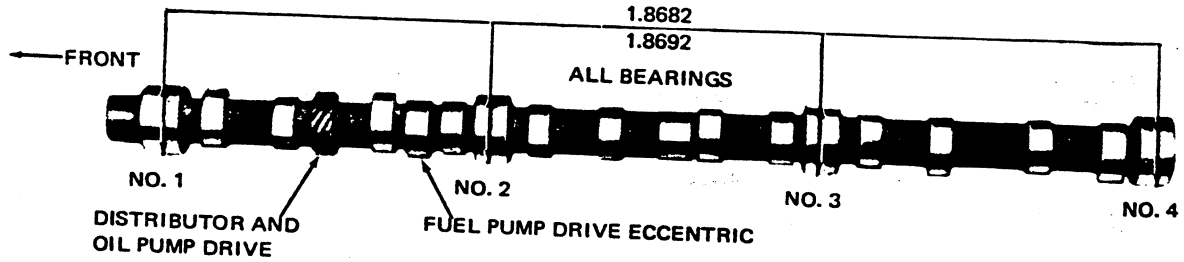
Type	Individually mounted, overhead valves and rocker arms, push rod actuated.
Lifters	Hydraulic
Rocker Arms	Stamped steel
Ratio	
L6-250 Cu.In.	1.75:1
V8-305 & 350 Cu.In.	1.50:1
Push Rods	Hollow steel with hardened ends;
Rotators (V8-305 & 350 Cu.In.)	Exhaust

VALVE SPRINGS

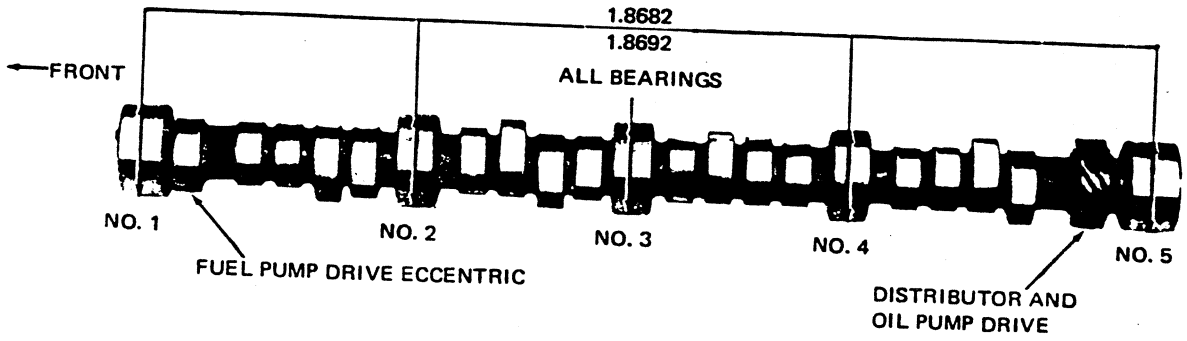
Diameter	
L6-250 Cu.In.	.872-.888
V8-305 & 350 Cu.In.	.868-.884
Installed Length (lb. @ in.)	
Valves Closed	
L6-250 Cu.In.	56-64 @ 1.66
V8-305 & 350 Cu.In.	
Inlet	76-84 @ 1.70
Exhaust	76-84 @ 1.61
Valves Opened	
L6-250 Cu.In.	180-192 @ 1.27
V8-305 & 350 Cu.In.	
Inlet	194-206 @ 1.25
Exhaust	194-206 @ 1.16
Free Length	
L6-250 Cu.In.	1.90
V8-305 & 350 Cu.In.	2.03
Valve Spring Damper	
L6-250 Cu.In.	None
V8-305 & 350 Cu.In.	Flat steel, 4 coils
Oil Shield	Steel cup

CAMSHAFT AND BEARINGS

250 CUBIC INCH L-6 ENGINE



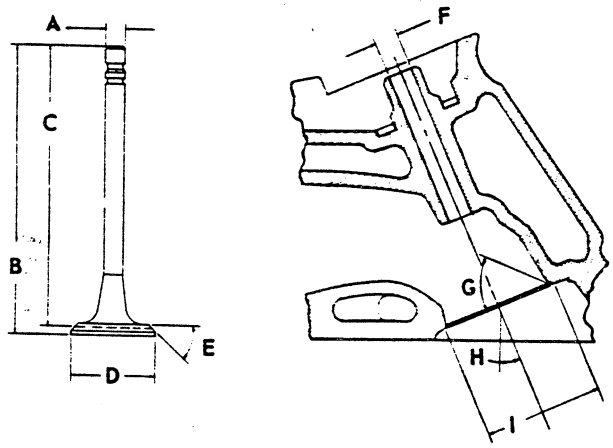
V8-305 & 350 CUBIC INCH V-8 ENGINES



PRINCIPAL COMPONENTS

INLET VALVES

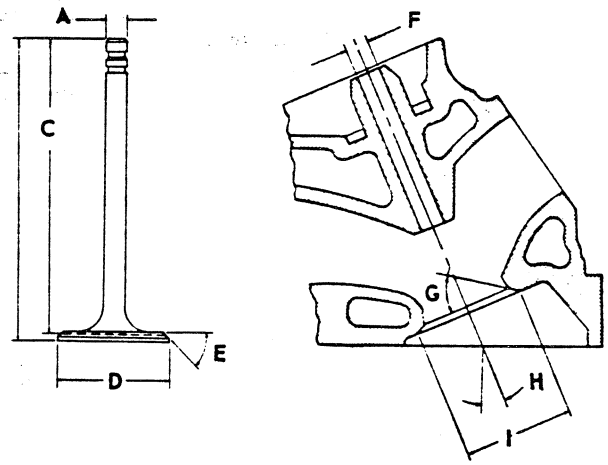
Material	Alloy steel
Coating	
L6-250 Cu.In.	Aluminized face
V8-305 Cu.In.	Aluminized face
V8-350 Cu.In.	None
All Stems	Chrome flash



A – Stem Diameter	
L6-250 Cu.In.	.3410-.3417
V8-305 & 350 Cu.In.	.3410-.3417
B – Overall Length	
L6-250 Cu.In.	4.902-4.922
V8-305 Cu.In.	4.928-4.953
V8-350 Cu.In.	4.870-4.889
C – Gage Length	
L6-250 Cu.In.	4.785-4.795
V8-305 & 350 Cu.In.	4.785-4.795
D – Overall Head Diameter	
L6-250 Cu.In.	1.715-1.725
V8-305 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°
V8-305 & 350 Cu.In.	23°
I – Valve Seat Diameter	
L6-250 Cu.In.	1.591-1.597
V8-305 & 350 Cu.In.	1.823-1.829

EXHAUST VALVES

Material	High alloy steel
Coating	
L6-250 Cu.In.	Aluminized face
V8-305 Cu.In.	Aluminized face
V8-350 Cu.In.	Aluminized face
All Stems	Chrome flash



A – Stem Diameter	
L6-250 Cu.In.	.3410-.3417
V8-305 & 350 Cu.In.	.3410-.3417
B – Overall Length	
L6-250 Cu.In.	4.913-4.933
V8-305 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
V8-305 & 350 Cu.In.	4.781-4.791
D – Overall Head Diameter	
L6-250 Cu.In.	1.495-1.505
V8-305 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°
V8-305 & 350 Cu.In.	23°
I – Valve Seat Diameter	
L6-250 Cu.In.	1.321-1.327
V8-305 & 350 Cu.In.	1.321-1.327

VALVE LIFT

L6-250 Cu.In.	.3880 Inlet; .4051 Exhaust
V8-305 Cu.In.	.3727 Inlet; .4100 Exhaust
V8-350 Cu.In.	.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°
V8-305 Cu.In.	
Inlet Valve	
Opens - BTC	26°
Closes - ABC	64°
Duration	272°
Exhaust Valve	
Opens - BBC	78°
Closes - ATC	30°
Duration	288°
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.	Flat head
V8-305 & 350 Cu.In.	Sump
Skirt Type	Slipper
Top Land Clearance	
L6-250 Cu.In.	.0245-.0335
V8-305 Cu.In.	.0245-.0335
V8-350 Cu.In.	.0235-.0325
Skirt Clearance	
L6-250 Cu.In.	.0005-.0015
V8-305 Cu.In.	.0017-.0042
V8-350 Cu.In.	.0007-.0017
Compression Ring Groove Depth	
L6-250 Cu.In.	.2153-.2218
V8-305 Cu.In.	.2003-.2073
V8-350 Cu.In.	.2218-.2308
Oil Ring Groove Depth	
L6-250 Cu.In.	.2093-.2158
V8-305 Cu.In.	.2103-.2193
V8-350 Cu.In.	.2038-.2128
Pin Bore Offset	.055-.065
Compression Height	
L6-250 Cu.In.	1.658-1.662
V8-305 Cu.In.	1.538-1.562
V8-350 Cu.In.	1.558-1.562

PISTON PINS

Material	Chromium steel
Length	
L6-250 Cu.In.	2.990-3.010
V8-305 & 350 Cu.In.	2.990-3.010
Diameter	
L6-250 Cu.In.	.9270-.9273
V8-305 & 350 Cu.In.	.9270-.9273
Clearance in Piston	
L6-250 Cu.In.	.00015-.00025
V8-305 & 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, grahite impregnated
V8-305 & 350 Cu.In.	Chrome plate face
Width	
L6-250 Cu.In.	.0775-.0780
V8-305 Cu.In.	.0770-.0780
V8-350 Cu.In.	.0775-.0780
Wall Thickness	
L6-250 Cu.In.	.184-.194
V8-305 Cu.In.	.167-.177
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
V8-305 & 350 Cu.In.	.0770-.0775
Wall Thickness	
L6-250 Cu.In.	.184-.194
V8-305 Cu.In.	.167-.177
V8-350 Cu.In.	.190-.200
Gap	
L6-250 Cu.In.	.010-.020
V8-305 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
V8-305 Cu.In.	.1859-.1879
V8-350 Cu.In.	.1850-.1870
Wall Thickness	
L6-250 Cu.In.	.152-.158
V8-305 Cu.In.	.138-.143
V8-350 Cu.In.	.150-.156
Gap	
L6-250 Cu.In.	.015-.055
V8-305 Cu.In.	.010-.035
V8-350 Cu.In.	.015-.055
Rail Coatings	Chrome plated

CONNECTING RODS

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

CONNECTING ROD BEARINGS

Material	
L6-250 Cu.In.	Copper lead alloy or sintered copper nickel backed babbitt on steel
V8-305 & 350 Cu.In.	Premium aluminum
Type	Precision removable
Clearance	
L6-250 Cu.In.	.0007-.0027
V8-305 & 350 Cu.In.	.0013-.0035
Theoretical I.D.	
L6-250 Cu.In.	2.0017
V8-305 & 350 Cu.In.	2.1012
Effective Length	
L6-250 Cu.In.	.807
V8-305 & 350 Cu.In.	.797
End Play	
L6-250 Cu.In.	.007-.016
V8-305 & 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	Mechanical; diaphragm
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
V8-305 & 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
V8-305 & 350 Cu.In.	15.48
Filter Element	Oil-wetted paper

CARBURETORS

Make & Type	
L6-250 Cu.In.	1-barrel, Monojet
V8-305 Cu.In.	2-barrel
V8-350 Cu.In.	4-barrel
SAE Flange Type	
L6-250 Cu.In.	1.50
V8-305 & 350 Cu.In.	1.50
Throttle Bore	
L6-250 Cu.In.	1.69
V8-305 & 350 Cu.In.	1.69
V8-350 Cu.In.	
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
V8-305 Cu.In.	1.19
V8-350 Cu.In.	
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
  - V8-305 & 350 Cu.In. . . .031 sheet steel, aluminized
- Wrap . . . . . .060 indented asbestos sheet
- Cover
  - L6-250 Cu.In. . . . . .018 sheet steel, aluminized
  - V8-305 & 350 Cu.In. . . .017 sheet steel, aluminized
- Length, Body 24.00
- Width (I.D.)
  - L6-250 Cu.In. 4.06
  - V8-305 & 350 Cu.In. 4.00
- Height (I.D.)
  - L6-250 Cu.In. 10.50
  - V8-305 & 350 Cu.In. 10.44

EXHAUST CROSSOVER PIPE TO CONVERTER
- Dimension (O.D.) & Wall Thickness
  - L6-250 Cu.In. . . . . 2.25 x .078 laminated
  - V8-305 & 350 Cu.In. . . . . 2.00 x .078 laminated

EXHAUST PIPE – CONVERTER TO MUFFLER
- Dimensions (O.D.)
  - L6-250 Cu.In. 2.25
  - V8-305 & 350 Cu.In. 2.25
- Wall Thickness
  - L6-250 Cu.In. . . . . .071 laminated
  - V8-305 & 350 Cu.In. . . . . .071 laminated

TAIL PIPES
- Type
  - L6-250 Cu.In. . . . . Single
  - V8-305 & 350 Cu.In. . . . . Dual
- Dimensions (O.D.)
  - L6-250 Cu.In. 2.00
  - V8-305 & 350 Cu.In. 2.00
- Wall Thickness
  - L6-250 Cu.In. 062
  - V8-305 & 350 Cu.In. 062

SYSTEM APPLICATION

System Type	Engine Adaptation		
	L6-250 L22	V8-305 LG3	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
V8-305 & 350 Cu.In.	Pressure, jet cross sprayed
Camshaft Bearings	Pressure
Valve Lifters	Pressure
Rocker Arms	Pressure
Timing Gears	
L6-250 Cu.In.	Nozzle sprayed
V8-305 & 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	
L6-250 Cu.In.	Forward end of rocker cover
V8-305 & 350 Cu.In.	Rearward of left rocker cover

OIL PAN CAPACITIES (Quarts)

Refill	
L6-250 Cu.In.	4
V8-305 & 350 Cu.In.	4
Refill with Filter Change	
L6-250 Cu.In.	4.5
V8-305 & 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
V8-305 & 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
V8-305 & 350 Cu.In.	4.3 @ 2000

OIL FILTER

Type	Full flow, throw away canister
Location	
L6-250 Cu.In.	Right side front of engine
V8-305 & 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
V8-305 & 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
V8-305 & 350 Cu.In.	Left side, rear of engine block

GENERAL

Type . . Pressure, vented thru cooling recovery system

Capacity with Heater

L6-250 Cu.In. . . . . 14.6 qts.

V8-305 Cu.In. . . . . 17.2 qts.

V8-350 Cu.In. . . . . 17.3 qts.

RADIATOR

Make and Type . . . . . Harrison, tube and center

Core Constant

Distance between Fins

L6-250 Cu.In. . . . . .20 Syn. & Auto.

V8-305 Cu.In. . . . . .18 Syn., .16 Auto.

V8-350 Cu.In. . . . . .16 Syn. & Auto.

Distance between Tubes 55

Thickness of Core

L6-250 Cu.In. 1.24

V8-305 Cu.In. 1.24

V8-350 Cu.In. 1.24

Frontal Area (Sq.In.)

L6-250 Cu.In. 353

V8-305 Cu.In. 353

Overflow . . . . . Separate coolant bottle

RADIATOR HEAVY DUTY (RPO V01)

Core Constant

Distance between Fins

L6-250 Cu.In. . . . . .18 Syn. & Auto.

V8-305 Cu.In. . . . . .16 Syn. & Auto.

V8-350 Cu.In. . . . . .16 Syn., .20 Auto.

Distance between tubes 55

Thickness of Core

L6-250 Cu.In. 1.24

V8-305 Cu.In. 1.24

V8-350 Cu.In. . . . . 1.24 Syn., 1.96 Auto.

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^{o}-198^{o}

Fully Opened at . . . . . 227^{o}

RADIATOR CAP RELIEF VALVE

Opens at . . . . . Approximately 15 PSI

RADIATOR HOSE

Outlet, Lower (Radiator to Water Pump)

L6-250 Cu.In. . . . . 1.75 ID

V8-305 Cu.In. . . . . 1.75 ID

Inlet, Upper (Thermostat Housing to Radiator)

L6-250 . . . . . 1.50 ID

V8-305 & 350 Cu.In. . . . . 1.50 ID

FAN

Number of Blades 4

Diameter

L6-250 Cu.In. 17.62

V8-305 & 350 Cu.In. 18.00

BELTS, CRANKSHAFT, FAN AND GENERATOR

Number Used . . . . . One

Angle of "V" . . . . . 34^{o}-38^{o}

Pitch Line

L6-250 Cu.In. 38.00

V8-305 Cu.In. (Except California) 44.50

V8-350 Cu.In. (Except California) 47.00

V8-305 & 350 Cu.In. (California) 48.00

Width 380

WATER PUMP

Type . . . . . Centrifugal

Capacity

L6-250 Cu.In. . . . . 24.4 GPM @ 2000 Engine RPM

V8-305 & 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

V8-305 & 350 Cu.In. 949:1

DRAIN LOCATIONS AND TYPE

Engine Block - Plug

L6-250 Cu.In. . . . . Left side rear

V8-305 & 350 Cu.In. . . . . Right and left center

ELECTRICAL SYSTEM

SUPPLY SYSTEM
- BATTERY
  - Voltage Rating and Watts
    - L6-250 Cu.In. 12-2500
    - V8-305 & 350 Cu.In. 12-3200
  - Number of Cells and Plates
    - L6-250 Cu.In. 6-54
    - V8-305 & 350 Cu.In. 6-66
  - Cold Cranking Rating
    - L6-250 Cu.In. . . . . 0° @ 275 amps; -20° @ 210 amps. @ 60 minutes reserve capacity
    - V8-305 & 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 neoprene jacket

COIL
- Type . . . . . Integral with distributor

SPARK PLUGS
- Type
  - L6-250 Cu.In. ACR46TS
  - V8-350 Cu.In. ACR45TS
- Thread Size (mm) 14
- Gap . . . . . .035 (L6-250), .060 (V8-305 & 350)
- 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
        - V8-305 & 350 Cu.In. 70-99
      - Volts 10.6
      - RPM
        - L6-250 Cu.In. 6200-10700
        - V8-305 & 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.		V8-305 Cu.In.	V8-350 Cu.In.	
Model	Manual	1110666		1112977	1112888	
	Automatic	1112863	1110650*	1112977	1112888	1112959*
Type				High Energy Ignition		
Centrifugal advance begins @ RPM	Manual	0° @ 1000		0° @ 1000	0° @ 1000	
	Automatic	0° @ 1100	0° @ 1000			0° @ 1200
Maximum degrees @ RPM	Manual	20° @ 4200		20° @ 3800	22° @ 4600	
	Automatic	15° @ 4200	15° @ 4200			20° @ 4200
Vacuum advance begins @ In. Hg.	Manual	0° @ 4		0° @ 3	0° @ 4	
	Automatic	0° @ 4	0° @ 4			0° @ 6
Maximum degrees @ In. Hg.	Manual	23° @ 15		15° @ 7	17° @ 11.5	
	Automatic	18° @ 12	15° @ 13			14° @ 12
Timing (initial design setting) Crankshaft degrees @ RPM with vacuum line disconnected	Manual	6°BTC @ 850		8°BTC @ 800	6°BTC @ 800	
	Automatic	10°BTC @ 550	10°BTC @ 550	8°BTC @ 600	8°BTC @ 600	6°BTC @ 600
Timing mark location				Torsional damper		

*—Specific to engine used in California.

CLUTCHES

Engine	Type - Cubic Inch		L6-250	V8-305	V8-350
	Availability		Standard	RPO LG3	RPO LM1
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	V8-305	V8-350
	Availability		Standard	LG3	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
		Second	1.84		2.02
		Third	1.00		1.35
		Fourth			1.00
		Reverse	3.22		2.85
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	V8-305 & V8-350
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)	2.52:1 - 1.52:1 - 1.00:1	
		L2 (Low two)	2.52:1 - 1.52:1	
		L1 (Low one)	2.52:1	
		R (Reverse)	1.94:1	
	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		3.88:1 to 1.94	
Governor	Type		Cross-axis centrifugal	
	Operation		Regulates a pressure proportional to car speed which acts upon the (1-2) (2-3) shift and modulator valves	
Lubricant	Type		Dexron	
	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

1976 Passenger Car and Truck Paint Colors

Found on pages 6, 7, 8, 9 are the 1976 Chevrolet passenger car and truck interior and exterior paint colors.

1976 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-2618	43537L
16	Medium Gray Metallic	4784	2862		A-2928	44146L
19	Tuxedo Black	848	9300	Gloss—182, Flat—120	A-946	99L
21	Light Blue	4779	2815		A-2929	44133L
28	Light Blue Metallic	4743	2772		A-2801	44141L
35	Dark Blue Metallic	4758	2863	Dark Blue Metallic 2-281	A-2930D	44130LH
36	Firethorn Metallic	4748	2811	Dark Firethorn Metallic 2-284	A-2916F	43953LM
37	Mahogany Metallic	4759	2864	Mahogany Metallic 2-283	A-2931G	44131LM
40	Lime Green Metallic	4798	2866		A-2933D	44137LH
45	Lime Green	4781	2816		A-2934G	44134LH
49	Dark Green Metallic	4634	2752		A-2805	43454LH
50	Cream	4765	2867		A-2935	44132L
51	Bright Yellow	3893	2094		A-2936D	44139LH
57	Cream Gold	4890	2884		A-2996	44178L
65	Buckskin	4866	2829	Light Buckskin 2-288	A-2939	44159L
66	Burnt Orange	4783	2870		A-2940F	44135LH
67	Medium Saddle Metallic	4836	2871		A-2941	44138L
72	Red	4460	2544		A-2648F	44177LM
75	Red	4330	2546		A-2650F	5485LM
78	Medium Orange	3959	2084		A-2942R	44140LM

1976 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		A-4402	9625L
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 4131	23942	2-217		A-4559	42900LH
Dark Saddle	X		WOA 4131	23988		2-270	A-4558	42913LH
Light Buckskin		X	W25A 4763	24174	2-290		A-4721	43963LH
Dark Lime		X	W25A 4507	44864	2-210		A-2905	42903LH
Dark Lime	X		WOA 4507	44899		2-210		42915LH
Midnight Lime		X	W25A 4619	45130	2-244			44224LH
Midnight Lime	X		WOA 4619	44925		2-244	A-2922	42967LH
Dark Firethorn		X	W25A 4751	72145	2-291		A-4734R	43961LH
Dark Firethorn	X		WOA 4751	72158		2-291	A-4733R	43965LH
Dark Mahogany		X	W25A 4756	72193	2-297		A-6302M	44206LM
Dark Mahogany	X		WOA 4756	50972		2-297	A-6304M	44209LM

1976 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
33	Dark Green Metallic	4888	2877	A-2993	44171LH
37	Mahogany Metallic	4759	2864	A-2931G	44131LM
56	Bright Yellow	4669	2756	A-2809	43464LH
64	Buckskin Metallic	4891	2869	A-2938	44180L
69	Dark Brown Metallic	4518	2656	A-2716	42804L
70	Flame Red	4667	2764	A-2817R	43462LM
72	Red	4460	2544	A-2648F	44177LM

1976 CORVETTE INTERIOR COLORS

Color Name	Gloss		Fisher W Code	DIA Ditzler Code	Uticolor Vinyl Interior Code	Uticolor Vinyl Instrument Panel	Mason	Dupont
	Flat	S.G.						
Black		X	W25A 848	9387	120		A-4401	99L
Black	X		WOA 848				A-4400	4428L
White		X	W25A 3835	8855	183		A-4402	9625L
Dark Saddle		X	W25A 4131	23942	2-217			42900LH
Dark Saddle	X		WOA 4131					42913LH
Light Buckskin		X	W25A 4763	24174	2-290		A-4721	43963LH
Dark Brown		X	W25A 4646	24104	2-279		A-4728	
Light Smoke Gray		X	W25A 4767	33187	2-292		A-2921	43964L
Dark Blue Green		X	W25A 4752	45064	2-293		A-2920	43962LH
Dark Blue Green	X		WOA 4752				A-2927	43966LH
Dark Firethorn		X	W25A 4751	72145	2-291		A-4734R	43961LH
Dark Firethorn	X		WOA 4751				A-4733R	43965LH

1976 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
15	Silver Gray Metallic	5255	2860		44168
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	Wheatland Yellow	5247	2785	A-2876D	43536
88	Tangier Orange	5108	60156	A-1597	31
89	Polar While	5704	2680	A-4430	4074

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

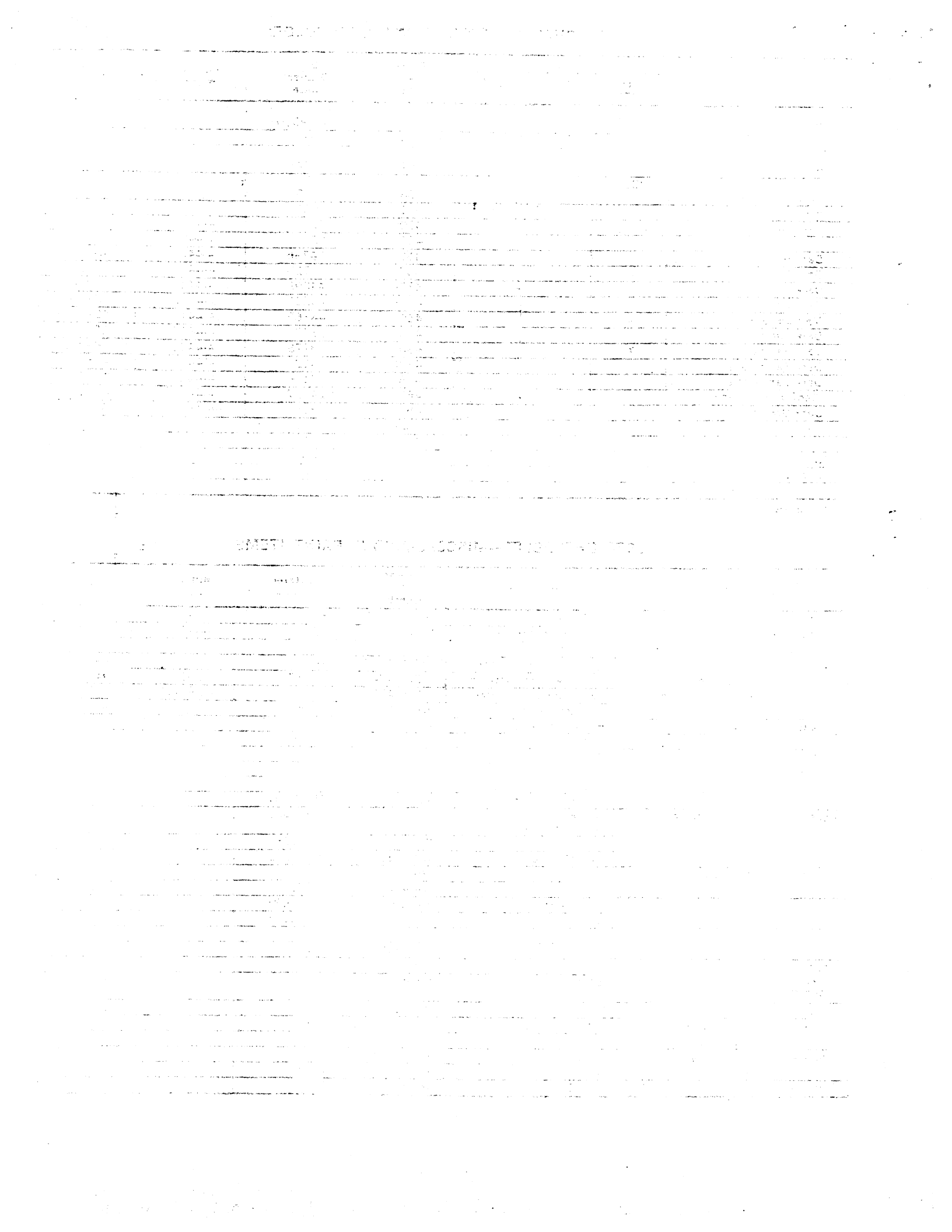
1976 CHEVROLET TRUCK INTERIOR COLORS

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		
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	9997LH
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
*Dark Saddle		X		5251	24306		44210
*Dark Saddle	X			5251	24305		44207
Medium Saddle	X			4432	23797		10003

*50 Series Model and up

1976 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	9895L
	13T Silver Metallic	WE20-4322	8952	A-4425	43578LH
	19T Black	WE20-848	9348	A-4416	99L
	35T Dark Blue Metallic	WE20-4758	14925	A-6495	44228LH
	36T Firethorn Metallic	WE20-4748	72167	A-2912R	43987LH
	37T Mahogany Metallic	WE20-4759	72186	A-2914M	44231L
	65T Light Buckskin	WE20-4819	24268	A-2913	44229LH
Luggage Compartment	Black-Gray-Aqua	WEX-3431	DS-1758		
Front Bumper Filler Panel	Argent Silver	W35E-3024	DSE-8568		
Wheel Trim Covers and Wheel Color	Argent Silver	W33E-3024	DSE-8568		
	Dark Gray	WDE-4072	DDL-32961		
	Charcoal Gray Metallic	W50A-5070	DDL-33044		
	Strato Gray Metallic	—	DDL-33016		
Accent Areas—Hi-Performance Black (low Gloss)	Dull Black (Non-Smudge)	—	DDL-9381		
	Flat Black	W30A-848	DDL-9266		
	Argent Silver	W35E-3024	DSE-8568		
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	White	WEA-5111	2185		817L
Headlamp Recessed Areas	Black	WE-848	9000		99L
Truck—Tailgate Painting	Black	WEA-5118	9000		99L
	White	WEA-5111	2185		8171L
Truck—Tailgate Insert	Flat Black	WL-848	9317		



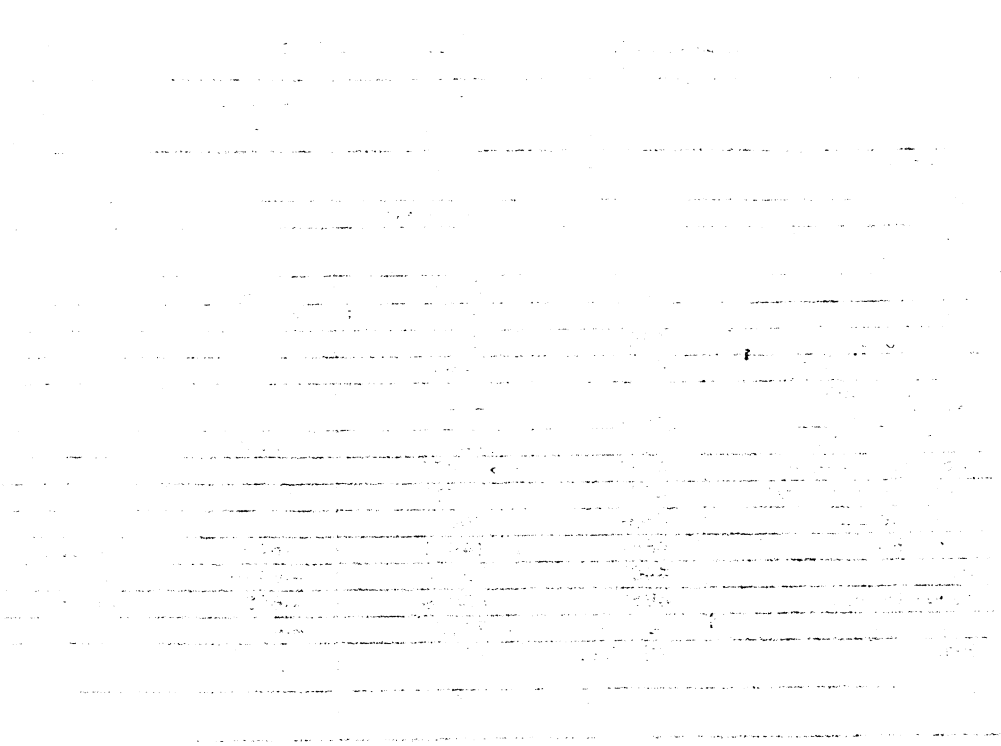
1976 CHEVROLET—MISCELLANEOUS PAINT ITEMS (Cont'd)

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	—	DDL-9405		310S
	Reduce with DX-1507 Textured Additive.				
Passenger Car Striping Colors	White	3967	2058	A-2080	5338L
	Black	848	9000	A-946	99L
	Buckskin	4866	2829		
	Dark Blue Metallic	4873	14944		
	Firethorn Metallic (Monte Carlo)	4871	72195		
	Firethorn Metallic	4748	2811	A-2916F	
	Mahogany Metallic	4872	50977		
	Medium Gray Metallic	4870	33213		
	Silver Metallic	4869	8969		
	Bright Blue	4864	14931	A-6498	44225LH
	Red	4408	72018	A-6499	7692LM
	Yellow-Orange	4865	60829	A-6500	44226LH
	Gold	4817	24172	A-4774	
Truck—Steering Column Parts and Directional Signal Housing	Black	WEA-5118	9000		
Steering Column Parts G-Truck	Black	W25A-848	9387		

Note:

Elastomeric lacquers are available from 'Ditzler' for the repair of flexible urethane parts. These colors will carry the prefix DEL before all the 1976 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



1976 PAINT COLOR NUMBERS

COLOR NAME	BODY PLATE PAINT OR TRIM CODE		DITZLER	DUPONT	RINSHED-MASON
EXTERIOR	code				
Classic White	10		8631	5040-L	A1802
Antique White	11		2058	5338-L	A2080
Silver	13		2518	43537-L	A2618
Medium Gray	16		2862	44146-L	A2928
Black	19		9300	99-L	A946
Light Blue	21		2815	44133-L	A2929
Corvette Bright Blue	22		2744	43467-L	A2797
Light Blue	28		2772	44141-L	A2801
Corvette Dark Green	33		2877	44171-LH	A2993
Dark Blue	35		2863	44130-LH	A2930D
Firethorn	36		2811	43953-LH	A2916F
Mahogany	37		2864	44131-LM	A2931G
Lime	40		2866	44137-LH	A2933D
Lime Green	45		2816	44134-LH	A2934G
Dark Green	49		2752	43454-LH	A2805
Cream	50		2867	44132-L	A2935
Bright Yellow	51		2094	44139-LH	A2936D
Corvette Bright Yellow	56		2756	43464-LH	A2809
Cream Gold	57		2884	44178-L	A2996
Corvette Lt. Buckskin	64		2869	44180-L	A2938
Buckskin	65		2829	44159-L	A2939
Burnt Orange	66		2870	44135-LH	A2940F
Medium Saddle	67		2871	44138-L	A2941
Corvette Dark Brown	69		2656	42804-L	A2716
Corvette Orange Flame	70		2764	43462-LM	A2817R
Medium Red	72		2544	44177-LM	A2648F
Light Red	75		2546	5485-LM	A2650F
Medium Orange	78		2084	44140-LM	A2942R
ROOF MOLDING COLORS					
White	11T		8856	9895-L	A4415
Silver	13T		8952	43578-LH	A4425
Black	19T		9348	99-L	A4416
Dark Blue	35T		14925	44228-LH	A6495
Firethorn	36T		72167	43987-LH	A2912R
Mahogany	37T		72186	44229-LH	A2914M
Light Buckskin	65T		24268	44231-L	A2913
STRIPING COLORS					
White			2058	5338-L	A2080
Silver			8969	—	A2618
Black			9000	99-L	A946
Dark Blue			14944	—	—
Bright Blue			14931	44225-LH	A6498
Buckskin			2829	—	—
Firethorn	(All exc. Monte Carlo)		2811	—	A2916F
Firethorn	(Monte Carlo)		72195	—	A2916F
Mahogany			50977	—	—
Medium Gray			33213	—	—
Red			72018	7692-LM	A6499
Yellow Orange			60829	44226-LH	A6500
Gold			24172	—	A4774
INTERIOR COLORS	**PASSENGER TRIM COMBINATIONS**	**GLOSS**			
White	1M, 11N, 11O, 11V, 11W, 11Y	S.G.	8855	9625-L	A4402
Black	19B, 19C, 19D, 19E, 19F, 19G, 19H, 19J, 19M, 19N, 19V, 19W, 19Y, 19Z, 193	S.G.	9387	99-L	A4401
Dark Blue	26B, 26C, 26D, 26E, 26G, 26M, 26N, 26Y, 02M, 02N, 02O, 02V, 02W	Flat	9317	4428-L	A4400
Dark Saddle	64B, 64C, 64D, 64E, 64G, 64H, 64J, 64M, 64N, 64O, 64V, 64W, 64Y, 64Z, 62C, 62E, 62J, 62M, 62N, 643	S.G.	14783	43615-LH	A4404
Light Buckskin	64B, 64C, 64D, 64E, 64G, 64H, 64J, 64M, 64N, 64O, 64V, 64W, 64Y, 64Z, 62C, 62E, 62J, 62M,62N, 643	Flat	14796	43625-LH	A4403
Dark Lime	03M, 03N, 03O, 03V, 03W, 03Y	S.G.	23942	42900-LH	A4559
Midnight Lime	03M, 03N, 03O, 03V, 03W, 03Y	Flat	23988	42913-LH	A4558
Dark Firethorn	71B, 71C, 71D, 71E, 71F, 71J, 71M, 71N, 71V, 71W, 07M, 07N, 07V, 07W, 72C, 72E, 72J, 72M, 72N	S.G.	24174	43963-LH	A4721
Dark Mahogany	74C, 74D, 74E, 74G, 74J, 74N, 74O, 74V, 74Y, 08N, 08O, 08V, 08W, 08Y	S.G.	44864	42903-LH	A2905
		Flat	44899	42915-LH	—
		S.G.	45130	44224-LH	—
		Flat	44925	42967-LH	A2922
		S.G.	72145	43961-LH	A4734R
		Flat	72158	43965-LH	A4733R
		S.G.	72193	44206-LM	A6302M
		Flat	50972	44209-LM	A6304M

CAMARO

1976 VEHICLES WITH STANDARD EQUIPMENT

Prices shown are effective with initial shipments of 1976 Vehicles

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"	3261.63	3186.65	13.35	3749.00	3762.35	6____	_____
♦ **8-Cylinder Engine**									
Sport Coupe—4-Passenger	1FQ87	108"	3405.18	3326.90	13.35	3914.00	3927.35	6____	_____
Type LT Coupe—4-Passenger	1FS87	108"	3747.09	3660.95	13.35	4307.00	4320.35	6____	_____

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

OPTIONS AND ACCESSORIES WHEN INSTALLED BY CHEVROLET

Prices shown are effective with initial shipments of 1976 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						
√ **Air Conditioning:** *Four-Season.* Includes 61-amp generator and increased cooling.						
With 6-cylinder engine Also includes V01 radiator	C60	373.62	364.04	N.A.	479.00	479.00
With 8-cylinder engine	C60	352.56	343.52	N.A.	452.00	452.00
Axles, Rear:						
High Altitude Ratio	G92	10.14	9.88	N.A.	13.00	13.00
Positraction	G80	39.78	38.76	N.A.	51.00	51.00
Battery, Heavy-Duty: 15-plate, 80-amp-hr	UA1	12.48	12.16	N.A.	16.00	16.00
Belts, Deluxe: *Color-Keyed Seat and Shoulder.* Includes plastic buckles. (Standard belts and plastic buckles are black). Replacing standard number of belts.						
4 seat and 2 front shoulder	AK1	13.26	12.92	N.A.	17.00	17.00
Brakes, Power: Standard on Type LT Coupe or V8 Sport Coupe	J50	45.24	44.08	N.A.	58.00	58.00
Bumper Equipment: *Guards, Bumper.* Front and Rear	V30	28.08	27.36	N.A.	36.00	36.00
California Emission Certification: Includes all testing, equipment and /or certification necessary for registration in the State of California	YF5	39.00	38.00	N.A.	50.00	50.00
Clock, Electric: Standard on Type LT Coupe. Included with U14 instrumentation	U35	14.04	13.68	N.A.	18.00	18.00
√ **Console:** Includes floor-mounted shift lever with automatic transmission	D55	55.38	53.96	N.A.	71.00	71.00
Defogger, Rear Window: *Forced-Air*	C50	33.54	32.68	N.A.	43.00	43.00
Door Lock System, Power: *Electric*	AU3	48.36	47.12	N.A.	62.00	62.00
Engines: (Refer to Dealer Order Guide for California Requirements)						
250-1 BBL L6	L22			*NO ADDITIONAL CHARGE*		
305-2 BBL V8	LG3			*NO ADDITIONAL CHARGE*		
350-4 BBL V8	LM1	66.30	64.60	N.A.	85.00	85.00
Floor Covering:						
Carpet, Deluxe. Front and rear passenger compartment floor.	B49	24.96	24.32	N.A.	32.00	32.00
Mats, Color-Keyed Floor. 2 Front and 2 Rear	B37	11.70	11.40	N.A.	15.00	15.00
Glass, Soft-Ray Tinted: *All Windows*	A01	35.88	34.96	N.A.	46.00	46.00
Horns, Dual	U05	4.68	4.56	N.A.	6.00	6.00
Instrumentation, Special: Standard on Type LT Coupe. Includes tachometer, voltmeter and temperature gauge plus U35 clock located on instrument panel and additional instrument panel lighting	U14	71.76	69.92	N.A.	92.00	92.00
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	41.34	40.28	N.A.	53.00	53.00

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

OPTIONS AND ACCESSORIES WHEN INSTALLED BY CHEVROLET

Prices shown are effective with initial shipments of 1976 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						
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	23.40	22.80	N.A.	30.00	30.00
Sport Coupe with Z54 Interior Decor /Quiet Sound Group or Type LT Coupe	ZJ9	20.28	19.76	N.A.	26.00	26.00
Mirrors: *Sport, LH Remote-Control and RH Manual.* Standard on Type LT Coupe. Included with Z85 Rally Sport Equipment	D35	21.06	20.52	N.A.	27.00	27.00
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	12.48	12.16	N.A.	16.00	16.00
Paint, Exterior: *Solid*	...			*NO ADDITIONAL CHARGE*		
Radiator, Heavy-Duty	V01	21.06	20.52	N.A.	27.00	27.00
Radio Equipment:						
AM Radio. Pushbutton	U63	58.50	57.00	N.A.	75.00	75.00
AM /FM Radio. Pushbutton	U69	106.86	104.12	N.A.	137.00	137.00
AM /FM Stereo Radio. Pushbutton	U58	176.28	171.76	N.A.	226.00	226.00
Stereo Tape System with AM Radio. Pushbutton	UM1	163.02	158.84	N.A.	209.00	209.00
Stereo Tape System with AM /FM Stereo Radio. Pushbutton	UM2	252.72	246.24	N.A.	324.00	324.00
Speaker, Rear Seat	U80	16.38	15.96	N.A.	21.00	21.00
Windshield Antenna. Included with radios	U76	12.48	12.16	N.A.	16.00	16.00
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 mirrors and ZJ7 rally wheels	Z85	202.80	197.60	N.A.	260.00	260.00
Type LT Coupe	Z85	134.94	131.48	N.A.	173.00	173.00
Roof Cover, Vinyl: Includes bright roof drip moldings	...	74.88	72.96	N.A.	96.00	96.00
Seat Back, Adjustable Drivers: 2 positions	AN6	14.82	14.44	N.A.	19.00	19.00
Speed Control: *Cruise-Master*	K30	56.94	55.48	N.A.	73.00	73.00
Spoilers: *Front and Rear.* Includes front valance spoiler, rear deck and side panel spoiler. Front spoiler shipped loose for dealer installation	D80	63.18	61.56	N.A.	81.00	81.00
Steering Wheel: *Comfortilt*	N33	40.56	39.52	N.A.	52.00	52.00
Stowaway Spare	N65	N.A.	N.A.	(-1.13)	N.A.	(-1.13)
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	45.24	44.08	N.A.	58.00	58.00
Suspension: *Sport.* Includes special front stabilizer; rear stabilizer plus special front and rear shock absorbers	F41	24.96	24.32	N.A.	32.00	32.00
Tires:						
E78-14 /B Bias Belted Ply Blackwall.						
Without N65 stowaway spare	QEG	(-81.12)	(-79.04)	(-1.75)	(-104.00)	(-105.75)
With N65 stowaway spare	QEG	(-64.74)	(-63.08)	(-1.40)	(-83.00)	(-84.40)
E78-14 /B Bias Belted Ply White Stripe.						
Without N65 stowaway spare	QEH	(-55.38)	(-53.96)	(-1.75)	(-71.00)	(-72.75)
With N65 stowaway spare	QEH	(-44.46)	(-43.32)	(-1.40)	(-57.00)	(-58.40)
FR78-14 /B Steel Belted Radial Ply Blackwall (Standard)	QDV			*NO ADDITIONAL CHARGE*		
FR78-14 /B Steel Belted Radial Ply White Stripe						
Without N65 stowaway spare	QDW	27.30	26.60	N.A.	35.00	35.00
With N65 stowaway spare	QDW	21.84	21.28	N.A.	28.00	28.00
FR78-14 /B Steel Belted Radial Ply White Lettered						
Without N65 stowaway spare	QBT	38.22	37.24	N.A.	49.00	49.00
With N65 stowaway spare	QBT	30.42	29.64	N.A.	39.00	39.00
Transmissions:						
3-Speed Manual	M15			*NO ADDITIONAL CHARGE*		
4-Speed Wide-Range	M20	188.76	183.92	N.A.	242.00	242.00
Turbo Hydra-matic	M40	202.80	197.60	N.A.	260.00	260.00

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CAMARO

OPTIONS AND ACCESSORIES WHEN INSTALLED BY CHEVROLET

Prices shown are effective with initial shipments of 1976 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*		
4-Speed Wide-Range	M20	188.76	183.92	N.A.	242.00	242.00
Turbo Hydra-matic	M40	202.80	197.60	N.A.	260.00	260.00
Trim, Interior:						
Vinyl or Knit Vinyl Seats	...			*NO ADDITIONAL CHARGE*		
Knit or Sport Cloth Seats	...	15.60	15.20	N.A.	20.00	20.00
Wheel Trim:						
Wheel Covers, Full	P01	23.40	22.80	N.A.	30.00	30.00
Wheels, Rally. Standard on Type LT Coupe. Included with Z85 Rally Sport Equipment. Includes styled wheels, special hub caps and trim rings	ZJ7	46.80	45.60	N.A.	60.00	60.00
Wheels, Custom Styled. 14" x 7".						
Sport Coupe.						
Without Z85 Rally Sport Equipment	PE1	90.48	88.16	N.A.	116.00	116.00
With Z85 Rally Sport Equipment	PE1	61.62	60.04	N.A.	79.00	79.00
Type LT Coupe	PE1	61.62	60.04	N.A.	79.00	79.00
Windows, Power	A31	77.22	75.24	N.A.	99.00	99.00
Windshield Wipers, Hide-A-Way: Standard on Type LT Coupe. Includes articulated LH blade	C24	17.16	16.72	N.A.	22.00	22.00

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NOTES

ALPHABETICAL OPTION INDEX

(Not for Ordering Purposes)

Option Number	Description
AK1	BELTS, DELUXE: Color-Keyed Seat and Shoulder
AN6	SEAT BACK, ADJUSTABLE DRIVER'S
AU3	DOOR LOCK SYSTEM, POWER
A01	GLASS, SOFT-RAY TINTED: All Windows
A31	WINDOWS, POWER
B37	FLOOR COVERING: Mats, Color-Keyed Floor
B80	MOLDINGS: Roof Drip
B84	MOLDINGS: Body Side
B93	MOLDINGS: Door Edge Guard
C24	WINDSHIELD WIPERS, HIDE-A-WAY
C50	DEFOGGER, REAR WINDOW: Forced Air
C60	AIR CONDITIONING: Four-Season
D35	MIRRORS: Sport, LH Remote-Control and RH Manual
D55	CONSOLE
D80	SPOILERS: Front and Rear
F41	SUSPENSION: Sport
G80	AXLE, REAR: Positraction
G92	AXLE, REAR: High Altitude Ratio
J50	BRAKES, POWER
K30	SPEED CONTROL: Cruise-Master
LG3	ENGINE: 305-2 BBL V8
LM1	ENGINE: 350-4 BBL V8
L22	ENGINE: 250-1 BBL L6
M15	TRANSMISSION: 3-Speed Manual
M20	TRANSMISSION: 4-Speed Wide-Range Manual
M40	TRANSMISSION: Turbo Hydra-matic
N33	STEERING WHEEL: Comfortilt
N65	STOWAWAY SPARE
PE1	WHEEL TRIM: Wheels, Custom Styled
P01	WHEEL TRIM: Wheel Covers, Full
QBT	TIRES: FR78-14/B White Lettered (Radial)
QDV	TIRES: FR78-14/B Blackwall (Radial)
QDW	TIRES: FR78-14/B White Stripe (Radial)
QEG	TIRES: E78-14/B Blackwall (Bias Belted)
QEH	TIRES: E78-14/B White Stripe (Bias Belted)
UA1	BATTERY, HEAVY-DUTY
UM1	RADIO EQUIPMENT: Stereo Tape System w/AM Radio
UM2	RADIO EQUIPMENT: Stereo Tape System w/AM/FM Stereo Radio
U05	HORNS, DUAL
U14	INSTRUMENTATION, SPECIAL
U35	CLOCK, ELECTRIC
U58	RADIO EQUIPMENT: AM/FM Stereo Radio
U63	RADIO EQUIPMENT: AM Radio
U69	RADIO EQUIPMENT: AM/FM Radio
U76	RADIO EQUIPMENT: Windshield Antenna
U80	RADIO EQUIPMENT: Speaker, Rear Seat
V01	RADIATOR, HEAVY-DUTY
V30	BUMPER EQUIPMENT: Guards, Bumper
YF5	CALIFORNIA EMISSION CERTIFICATION
ZJ7	WHEEL TRIM: Wheels, Rally
ZJ9	LIGHTING, AUXILIARY
Z21	STYLE TRIM GROUP
Z54	INTERIOR DECOR/QUIET SOUND GROUP
Z85	RALLY SPORT EQUIPMENT

VINYL ROOF SELECTION (NO SUBSTITUTES ALLOWED) Not available with Z85 Rally Sport Equipment

Vinyl Roof	Code	Exterior Color Availability
Black	88	ALL
Blue, Dark (Met)	DD	11, 13, 28 or 35 only
Buckskin, Light	UU	All except 13, 28, 35, 40 or 51
Firethorn, Dark (Met)	FF	11, 13, 36, 37 or 65 only
Mahogany (Met)	YY	11, 13, 36, 37, 50 or 65 only
Silver (Met)	QQ	11, 13, 19, 35, 36 or 37 only
White	WW	ALL

COLOR AND TRIM SELECTION

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

NOT AVAILABLE WITH Z85 RALLY SPORT EQUIPMENT

Seat, Headliner and Door Trim Color	Black	Blue Dark	Fire-thorn Dark	Buck-skin Light	White	White	White	White
Instrument Panel Pad Color	Black	Blue Dark	Fire-thorn Dark	Sdle Dark	Black	Blue Dark	Lime Mid-night	Fire-thorn Dark
Carpet Color	Black	Blue Dark	Fire-thorn Dark	Sdle Dark	Black	Blue Dark	Lime Dark	Fire-thorn Dark

Model	Seat Type								
1FS87	Knit Cloth Bucket	PBB2	PDD2	PFF2					
	Knit Vinyl Bucket	NBB2			NUS2	NWB2	NWD2	NWZ2	NWF2

Exterior Paint Color	Color Code L	Color Code U								
Black	19	19	R	A	R	R	R	A		R
Blue, Dark (Met)	35	35	A	R		A	A	R		
Blue, Light (Met)	28	28	R	R			R	R		
Buckskin	65	65	R		R	R	R			R
Cream	50	50	R	A	A	R	R	A		A
Firethorn (Met)	36	36	A		R	R	A			R
Green, Dark (Met)	49	49	A			R	A		R	
Green, Lime (Met)	40	40	A			A	A		R	
Mahogany (Met)	37	37	A		R	R	A			R
Orange, Medium	78	78	R			R	R			
Saddle, Medium (Met)	67	67	A			R	A			
Silver	13	13	R	A	R	A	R	A		R
White, Antique	11	11	R	R	R	R	R	R	R	R
Yellow, Bright	51	51	R			A	R			

REQUIRES Z85 RALLY SPORT EQUIPMENT

Seat, Headliner and Door Trim Color	Black	Blue Dark	Fire-thorn Dark	Buck-skin Light	White	White	White
Instrument Panel Pad and Carpet Color	Black	Blue Dark	Fire-thorn Dark	Sdle Dark	Black	Fire-thorn Dark	Blue Dark

Model	Seat Type							
1FS87	Knit Cloth Bucket	PBB2	PDD2	PFF2				
	Knit Vinyl Bucket	NBB2			NUS2	NWB2	NWF2	NWD2

Exterior Paint Color	Color Code L	Color Code U								Tri-Color Stripe
Blue, Light (Met)	28	28	R	R			R		R	Dark Red-Blue, Med. Blue and Light Blue
Firethorn (Met)	36	36	A		R	R	A	R		Dark Red, Med. Red and Red-Orange
Silver	13	13	R		R		R	R		Dark Red, Med. Red and Red-Orange
White, Antique	11	11	R		R	R	R	R		Dark Red, Med. Red and Red-Orange
Yellow, Bright	51	51	R				R			Orange, Yellow-Orange and Yellow

POWER TEAMS

(Refer to next page for option availability and application)

ENGINE	OPTION CONDITION	AXLE	RATIO
		2.73	3.08
LG3	w/o YF5	Std	G92
	w/YF5	Std	-
LM1	M20	-	Std
	M40	Std	G92

CAMARO TYPE LT

REFER STOPS UPDATE

Model

1FS87 Camaro Type LT Coupe

← COLOR AND TRIM SELECTION

MUST ORDER ONE: ENGINES

ALL EXCEPT CALIFORNIA REGISTRATION (N/A YF5)

___ LG3 305-2 BBL V8
___ LM1 350-4 BBL V8

CALIFORNIA REGISTRATION ONLY (REQS YF5)

___ LG3 305-2 BBL V8 (Reqs M40 Trans)
✓ ___ LM1 350-4 BBL V8 (N/A M15 Trans)

QUICK-SPEC

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

		55 05 B	55 15 B	55 25 B	55 35 B	55 45 B
Transmission, Turbo Hydra-matic	M40	X	X	X	X	X
Console	D55	X	X	X	X	X
Glass, Soft-Ray Tinted	A01	X	X	X	X	X
Air Conditioning, Four-Season	C60	X	X	X	X	X
Radio, AM	U63	X	X	N/INCL		
Tires, FR78-14/B White Stripe	QDW	X	X	X	X	X
Moldings, Body Side	B84	X	X	X	X	X
Style Trim Group	Z21		X	X	X	X
Moldings, Door Edge Guard	B93		X	X	X	X
Defogger, Rear Window	C50		X	X	X	X
Mats, Color-Keyed Floor	B37		X	X	X	X
Belts, Deluxe	AK1		X	X	X	X
Steering Wheel, Comfortilt	N33		X	X	X	X
Speaker, Rear Seat	U80			X	X	X
Lighting, Auxiliary	ZJ9			X	X	X
Radio, AM/FM	U69			X	X	X
Guards, Bumper	V30			X	X	X
Door Lock System, Power	AU3				X	X
Wheels, Custom Styled	PE1				X	X
Windows, Power	A31				X	X
Rally Sport Equipment	Z85					X
Spoilers, Front and Rear	D80					X
Suspension, Sport	F41					X

PLEASE REVIEW OPTION RESTRICTIONS BEFORE ORDERING

Q-S	OPTION
550	C60 AIR CONDITIONING: Four-Season
	AXLES, REAR: (See Power Teams Chart)
___	G92 --High Altitude Ratio
___	G80 --Positraction
	UA1 BATTERY, HEAVY-DUTY
551	AK1 BELTS, DELUXE: Color-Keyed Seat and Shoulder (N/A Black Interior Trim)
552	V30 BUMPER EQUIPMENT: Guards, Bumper. Front and Rear
	YF5 CALIFORNIA EMISSION CERTIFICATION
550	D55 CONSOLE
551	C50 DEFOGGER, REAR WINDOW: Forced Air
553	AU3 DOOR LOCK SYSTEM, POWER
551	✓ B37 FLOOR COVERING: Mats, Color-Keyed Floor
550	A01 GLASS, SOFT RAY TINTED: All Windows
552	ZJ9 LIGHTING, AUXILIARY
	MOLDINGS:
550	B84 --Body Side
551	B93 --Door Edge Guard
___	B80 --Roof Drip (Incl w/Vinyl Roof or Z21 Style Trim)
___	V01 RADIATOR, HEAVY-DUTY
	RADIO EQUIPMENT:
550	U63 --AM Radio
552	U69 --AM/FM Radio
___	U58 --AM/FM Stereo Radio
___	UM1 --Stereo Tape System w/AM Radio
	UM2 --Stereo Tape System w/AM/FM Stereo Radio
552	U80 --Speaker, Rear Seat (Reqs U63 or U69 Radio)
___	U76 --Windshield Antenna (Incl w/above Radio Equip)
554	Z85 RALLY SPORT EQUIPMENT: (N/A Vinyl Roof) (Refer Page 2 for Color and Trim)
___	... ROOF COVER, SPORT: (See Color and Trim Chart)
___	AN6 SEAT BACK, ADJUSTABLE DRIVER'S
___	K30 SPEED CONTROL: Cruise-Master (Reqs M40 Trans)
554	D80 SPOILERS: Front and Rear
551	N33 STEERING WHEEL: Comfortilt
	N65 STOWAWAY SPARE
551	Z21 STYLE TRIM GROUP: (Incls B80 Mldgs)
554	F41 SUSPENSION: Sport
	TIRES: (B/W: Blackwall, W/S: White Stripe, W/L: White Lettered)
	--Steel Belted Radial Ply (14/B)
	QDV ---FR78 B/W (Base)
550	QDW ---FR78 W/S
___	QBT ---FR78 W/L
	TRANSMISSIONS:
___	M15 --3-Speed Manual (Reqs LG3 Eng)
	M20 --4-Speed Wide-Range Manual (Reqs LM1 Eng)
550	M40 --Turbo Hydra-matic
553	PE1 WHEEL TRIM: Wheels, Custom Styled
553	A31 WINDOWS, POWER: (Reqs D55 Console)

VINYL ROOF SELECTION (NO SUBSTITUTES ALLOWED)

Not available with Z85 Rally Sport Equipment

Vinyl Roof	Code	Exterior Color Availability
Black	BB	ALL
Blue, Dark (Met)	DD	11, 13, 28 or 35 only
Buckskin, Light	UU	All except 13, 28, 35, 40 or 51
Firethorn, Dark (Met)	FF	11, 13, 36, 37 or 65 only
Mahogany (Met)	YY	11, 13, 36, 37, 50 or 65 only
Silver (Met)	QQ	11, 13, 19, 35, 36 or 37 only
White	WW	ALL

COLOR AND TRIM SELECTION

PLEASE NOTE: The exterior and interior combinations shown in the chart below and designated as recommended (R), represent the ideal combinations. Those that are shown as acceptable (A), are attractive, but less desirable than the recommended combinations. Orders for additional combinations may be submitted, provided the dealer initials the appropriate order form box (ZP2), as verification that the requested combination is definitely desired. CAUTION: Please utilize available color samples when ordering, especially when adding a third color element (Vinyl Top, Exterior Color, Interior Trim) in order to avoid undesirable combinations.

NOT AVAILABLE WITH Z85 RALLY SPORT EQUIPMENT

Seat, Headliner and Door Trim Color	Black	Firethorn Dark	Buckskin Light	White	White	White	White
Instrument Panel Pad Color	Black	Firethorn Dark	Sdle Dark	Black	Blue Dark	Lime Midnight	Firethorn Dark
Carpet Color	Black	Firethorn Dark	Sdle Dark	Black	Blue Dark	Lime Dark	Firethorn Dark

Model	Seat Type							
1F087	Sport Cloth Bucket	JBB2	JFF2					
	Vinyl Bucket	VBB2	VFF2	VUS2	VWB2	VWD2	VWZ2	VWF2

Exterior Paint Color	Color Code L	Color Code U							
Black	19	19	R	R	R	R	A		R
Blue, Dark (Met)	35	35	A		A	A	R		
Blue, Light (Met)	28	28	R			R	R		
Buckskin	65	65	R	R	R	R			R
Cream	50	50	R	A	R	R	A		A
Firethorn (Met)	36	36	A	R	R	A			R
Green, Dark (Met)	49	49	A		R	A		R	
Green, Lime (Met)	40	40	A		A	A		R	
Mahogany (Met)	37	37	A	R	R	A			R
Orange, Medium	78	78	R		R	R			
Saddle, Medium (Met)	67	67	A		R	A			
Silver	13	13	R	R	A	R	A		R
White, Antique	11	11	R	R	R	R	R	R	R
Yellow, Bright	51	51	R		A	R			

REQUIRES Z85 RALLY SPORT EQUIPMENT

Seat, Headliner and Door Trim Color	Black	Firethorn Dark	Buckskin Light	White	White	White
Instrument Panel Pad and Carpet Color	Black	Firethorn Dark	Sdle Dark	Black	Firethorn Dark	Blue Dark

Model	Seat Type						
1F087	Sport Cloth Bucket	JBB2	JFF2				
	Vinyl Bucket	VBB2	VFF2	VUS2	VWB2	VWF2	VWD2

Exterior Paint Color	Color Code L	Color Code U							Tri-Color Stripe
Blue, Light (Met)	28	28	R			R		R	Dark Red-Blue, Med. Blue and Light Blue
Firethorn (Met)	36	36	A	R	R	A	R		Dark Red, Med Red and Red-Orange
Silver	13	13	R	R		R	R		Dark Red, Med. Red and Red-Orange
White, Antique	11	11	R	R	R	R	R		Dark Red, Med. Red and Red-Orange
Yellow, Bright	51	51	R			R			Orange, Yellow Orange and Yellow

POWER TEAMS

(Refer to next page for option availability and application)

ENGINE	OPTION CONDITION	AXLE 2.73	RATIO 3.08
L22	w/o YF5	Std	G92
	w/YF5	-	Std
LG3	w/o YF5	Std	G92
	w/YF5	Std	-
LM1	M20	-	Std
	M40	Std	G92

CAMARO

REFER STOPS UPDATE

Model

1FQ87 Camaro Sport Coupe

← COLOR AND TRIM SELECTION

MUST ORDER ONE: ENGINES

ALL EXCEPT CALIFORNIA REGISTRATION (N/A YF5)

___ L22 250-1 BBL L6
___ LG3 305-2 BBL V8
___ LM1 350-4 BBL V8

CALIFORNIA REGISTRATION ONLY (REQS YF5)

___ L22 250-1 BBL L6 (Reqs M40 Trans)
___ LG3 305-2 BBL V8 (Reqs M40 Trans)
✓ ___ LM1 350-4 BBL V8 (N/A M15 Trans)

QUICK-SPEC

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

		5 6 5 6 5 6 7 A	5 6 8 A	5 6 B B	5 6 B
Transmission, Turbo Hydra-matic	M40	X	X	X	X
Brakes, Power	J50	X	X	X	X
Console	D55	X	X	X	X
Glass, Soft-Ray Tinted	A01	X	X	X	X
Mirrors, Sport	D35	X	X	X	X
Radio, AM	U63	X	X	N/INCL	
Tires, FR78-14/B White Stripe	QDW	X	X	X	X
Wheel Covers, Full	P01	X	NOT INCL		
Air Conditioning, Four-Season	C60		X	X	X
Moldings, Body Side	B84		X	X	X
Wheels, Rally	ZJ7		X	X	X
Windshield Wipers, Hide-A-Way	C24		X	X	X
Style Trim Group	Z21		X	X	X
Clock, Electric	U35		X	X	N/INCL
Defogger, Rear Window	C50		X	X	X
Moldings, Door Edge Guard	B93			X	X
Mats, Color-Keyed Floor	B37			X	X
Speaker, Rear Seat	U80			X	X
Interior Decor/Quiet Sound Group	Z54			X	X
Belts, Deluxe	AK1			X	X
Radio, AM/FM	U69			X	X
Instrumentation, Special	U14				X
Lighting, Auxiliary	ZJ9				X
Steering Wheel, Comfortilt	N33				X
Horns, Dual	U05				X
Door Lock System, Power	AU3				X
Guards, Bumper	V30				X
Rally Sport Equipment	Z85				X
Spoilers, Front and Rear	D80				X
Suspension, Sport	F41				X

PLEASE REVIEW OPTION RESTRICTIONS BEFORE ORDERING

Q-S		OPTION
566	C60	AIR CONDITIONING: Four-Season (Incls V01 Rad w/L22 Eng)
		AXLES, REAR: (See Power Teams Chart)
___	G92	--High Altitude Ratio
___	G80	--Positraction
___	UA1	BATTERY, HEAVY-DUTY
567	AK1	BELTS, DELUXE: Color-Keyed Seat and Shoulder (N/A Black Interior Trim)
565	J50	BRAKES, POWER: (Incl w/V8 Eng)
568	V30	BUMPER EQUIPMENT: Guards, Bumper. Front and Rear
___	YF5	CALIFORNIA EMISSION CERTIFICATION
566	U35	CLOCK, ELECTRIC: (Incl w/U14 Inst)
565	D55	CONSOLE
566	C50	DEFOGGER, REAR WINDOW: Forced Air
568	AU3	DOOR LOCK SYSTEM, POWER
567	✓ B37	FLOOR COVERING: Mats, Color-Keyed Floor
565	A01	GLASS, SOFT-RAY TINTED: All Windows
568	U05	HORNS, DUAL
568	U14	INSTRUMENTATION, SPECIAL: (Reqs V8 Eng)(Incls U35 Clock)
567	Z54	INTERIOR DECOR/QUIET SOUND GROUP
568	ZJ9	LIGHTING, AUXILIARY
565	D35	MIRRORS: Sport, LH Remote-Control and RH Manual (Incl w/Z85 Rally Sport)
		MOLDINGS:
566	B84	--Body Side
567	B93	--Door Edge Guard
___	B80	--Roof Drip (Incl w/Vinyl Roof or Z21 Style Trim)
___	V01	RADIATOR, HEAVY-DUTY: (Incl w/C60 Air w/L22 Eng)
		RADIO EQUIPMENT:
565	U63	--AM Radio
567	U69	--AM/FM Radio
___	U58	--AM/FM Stereo Radio
___	UM1	--Stereo Tape System w/AM Radio
___	UM2	--Stereo Tape System w/AM/FM Stereo Radio
567	U80	--Speaker, Rear Seat (Reqs U63 or U69 Radio)
___	U76	--Windshield Antenna (Incl w/above Radio Equip)
569	Z85	RALLY SPORT EQUIPMENT: (Refer Page 4 for Color and Trim)(Reqs Radial Tires)(N/A Vinyl Roof or P01 Wheel Covers) (Incls D35 Mir and ZJ7 Wheels)
___	...	ROOF COVER, SPORT: (See Color and Trim Chart)
___	AN6	SEAT BACK, ADJUSTABLE DRIVER'S
___	K30	SPEED CONTROL: Cruise-Master (Reqs V8 Eng and M40 Trans)
569	D80	SPOILERS: Front and Rear
568	N33	STEERING WHEEL: Comfortilt
	N65	STOWAWAY SPARE
566	Z21	STYLE TRIM GROUP: (Incls B80 Mldgs)
569	F41	SUSPENSION: Sport (Reqs Radial Tires)
		TIRES: (B/W: Blackwall, W/S: White Stripe, W/L: White Lettered)
		--Bias Belted Ply (14/B)
___	QEG	---E78 B/W
___	QEH	---E78 W/S
		--Steel Belted Radial Ply (14/B)
	QDV	---FR78 B/W (Base)
565	QDW	---FR78 W/S
___	QBT	---FR78 W/L
		TRANSMISSIONS:
___	M15	--3-Speed Manual (Reqs L22 or LG3 Eng)
	M20	--4-Speed Wide-Range Manual (Reqs LM1 Eng)
565	M40	--Turbo Hydra-matic
		WHEEL TRIM:
565	P01	--Wheel Covers, Full (N/A Z85 Rally Sport)
566	ZJ7	--Wheels, Rally (Reqs Radial Tires w/V8 Eng)(Incl w/Z85 Rally Sport)
___	PE1	--Wheels, Custom Styled (Reqs Radial Tires)
	A31	WINDOWS, POWER: (Reqs D55 Console)
566	C24	WINDSHIELD WIPERS, HIDE-A-WAY

NOTES

1976
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 1976	Issued: September, 1975 Revised (•) January, 1976

• Revised pages -13-16-17-19

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 1976 Issued 9/75 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 1976 Issued 9/75 Revised (●)

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. width front doors open	W120	140.5	
Max. width rear doors open	W121	--	
Wheelbase - front of dash	L 30	1.2	
Wheelbase	L101	108.0	
Overall length	L103	195.4	
Overhang - front	L104	42.0	
Overhang - rear	L105	45.4	
Body upper structure length	L123	94.4	
Seating RP to C/L of rear wheel	L127	86.7	
Dash panel to w/s cowl point	L130	9.3	
Seating Dimensions			
Seating Configuration (front & rear)	*	2-2	
Number of Doors	*	0	
Head room	H101	49.2	
Leg room	H114	35.4	
Seat width	H138		
Seating RP to ground	H112'	6.8	
Seating RP from front wheel C/L		-	
Front door to ground	H133	11.4	
Seating RP to ground	H111	5.7	
Seating RP from rear wheel C/L		-	
Bottom of rear door to ground	H135	-	
Seat back 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°	
Axle differential to ground	H153	6.3	
Minimum clearance (Specify)	H156	5.0 (a)	

(a) Catalytic converter

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

MVMA Specifications Form
Passenger Car

Car Line Camaro
Model Year 1976 Issued 9/75 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	44.1	
H Point to Heel point	H30	6.1	
H Point travel	L17	5.0	
Shoulder room	W3	56.7	
Hip room	W5	52.4	56.2
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	45.8
Upper body opening to ground	H51	---

Luggage Compartment

Usable luggage capacity (cu ft.)	V1	6.4 (a)
Liftover height	H195	27.0
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.

Specifications Form
Passenger Car

Car Line Camaro
Model Year 1976 Issued 9/75 Revised (●) _____

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

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

Fastback — Cargo Space

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

MVMA Specifications Form
Passenger Car

Car Line Camaro
Model Year 1976 Issued 9/75 Revised (●)

Power Teams (Indicate whether standard or optional)

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

SERIES AVAILABILITY #	ENGINE						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"
1FQ87 Base-all states	250L6 (4.1 ℓ) (L22)	1-bbl	8.25:1	105 @ 3800	185 @ 1200	S	3-speed manual (3.11:1 low) (not available in California)	2.73	3.08
							3-speed auto. (optional)		
1FS87 Base-all states & 1FQ87 Optional - all states	305V8 (5.0 ℓ) (LG3)	2-bbl	8.5:1	140 @ 3800	245 @ 2000	S	3-Speed manual (3.11:1 low) (not available in California)	2.73	3.08
							3-speed auto. (optional)		
1FQ87 & 1FS87 Optional - all states	350V8 (5.7 ℓ) (LM1)	4-bbl	8.5:1	165 @ 3800	260 @ 2400	S	4-speed manual (2.85:1 low) (not available in California)	3.08	
							3-speed auto. (optional)	2.73	3.08

\# Base and "optional" refer to engine availability.
* Positraction available optionally for all ratios.
** Same ratios available optionally with Air Conditioning.

A — Base
B — High altitude option

*S — Single D — Dual

MVMA Specifications Form
Passenger Car

Car Line Camaro
Model Year 1976 Issued 9/75 Revised (●)

	Engine Displacement		
	L6-250 C.I. L22	V8-305 C.I. LG3	V8-350 C.I. LM1

Engine — General

Type, no. cyls., valve arr.		In-line 6OHV	90 'V8 OHV	
Bore and stroke (nominal)		3.875 X 3.53	3.736 X 3.48	4.00 X 3.48
Piston displacement, cu. in.		250	305	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. Liner-Wet, dry, none		None		
Number of mtg. points	Front	Two		
	Rear	One		
Engine installation angle		3°16'		
Recommended fuel regular — premium		Unleaded		
Cylinder Head Volume (cc)		71.28	60.52	75.67
Head Gasket Thickness (Compressed)		.033	.021	.021
Head Gasket Volume (cc)		7.08	3.98	4.58
Deck Clearance (minimum) (above, below block)		.025 below	.025 below	.025 below
Minimum Combustion Chamber Volume (cc)		68.00	59.52	74.47

Engine — Pistons

Material		Cast aluminum alloy		
Description and finish		Flat head; closed, slipper skirt	Sump head; closed Slipper skirt	
Weight (piston only) oz		20.24	20.80	21.33
Clearance (hot)	Top land	.0245 - .0335	.0245 - .0335	.0235 - .0325
	Skirt Top	.0005 - .0015 (a)	.0017 - .0042 (b)	.0007 - .0017 (b)
	Skirt Bottom			
Ring groups (from top)	No. 1 ring	3.434 - 3.444	.2003 - .2073	3.541 - 3.556
	No. 2 ring	3.434 - 3.444	.2003 - .2073	3.541 - 3.556
	No. 3 ring	3.446 - 3.456	.2103 - .2193	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 1976 Issued 9/75 Revised (●)

	Engine Displacement		
	L6-250 C.I. L22	V8-305 C.I. LG3	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 - Upper material, coating, etc Lower	Cast alloy iron, barrel face (a)		
		Cast alloy iron, inside bevel tapered face (b)		
	Width	(c)	(d)	(e)
	Gap	.010-.020	upper .010 - .020; lower .010 - .025	
Oil	Description - material, coating, etc	Multipiece (2 rails and one space expander)		
		Rails - steel chromeplated O.D.; expender - stainless steel		
	Width	.1850 - .1870	.1859 - .1879	.1850 - .1870
	Gap	.015 - .055	.010 - .035	.015 - .055
Expanders		In oil ring assembly		

Engine - Piston Pins

Material		Chromium steel		
Length		2.990-3.010		
Diameter		.9270 - .9273		
Type	Locked in rod, in piston, floating, etc.	Locked in rod		
	Bushing: in rod or piston	None		
	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	13.[illegible]
Length (center to center)		5.695 - 5.705		
Bearing	Material & Type	Copper lead alloy (sintered) steel bkd.	Premium aluminum	
	Overall length	.807	.797	
	Clearance (limits)	.0007 - .0027	.0013 - .0025	
	End Play	.007 - .016	.006 - .016	

(a) Wear resistant coating, molybdenum inlay and graphite impregnated on L6-250; Chrome plating on V8-305 and V8-350
(b) Wear resistent coating
(c) Upper .0775 - .0780; lower .0770 - .0780
(d) Upper .0770 - .0780; lower .0770 - .0775
(e) Upper .0775 - .0780; lower .0770 - .0775

MVMA Specifications Form
Passenger Car

Car Line Camaro
Model Year 1976 Issued 9/75 Revised (●)

	Engine Displacement		
	L6-250 C.I. L22	V8-305 C.I. LG3	V8-350 C.I. 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 with copper lead alloy or premium aluminum lining selected for specific application	
	Clearance		.0003 - .0029	(a)
	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 .760	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
Type drive	Material		Cast alloy iron Steel backed babbitt	
	Number		4	5
	Gear or chain		Gear	Chain
	Crankshaft gear or sprocket material		steel	steel sprocket
	Camshaft gear or sprocket material		(c)	Nylon 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 - .0032
(b) Above and to right of crankshaft
(c) Bakelite and fabric composition with steel hub

MVMA Specifications Form
Passenger Car

Car Line Camaro
Model Year 1976 Issued 9/75 Revised (●)

			Engine Displacement		
			L6-250 C.I. L22	V8-305 C.I. LG3	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)			.3125 X 9.612	.3125 X 7.724	
Rocker ratio			1.75:1	1.50:1	
Operating tappet clearance (indicate hot or cold)	Intake		Zero		
	Exhaust		Zero		
Timing (based on top of ramp points)	Intake	Opens (°BTC)	16°	28°	28°
		Closes (°ABC)	48°	64°	72°
		Duration (deg.)	244°	272°	280°
	Exhaust	Opens (°BBC)	64°	78°	78°
		Closes (°ATC)	50°	30°	30°
		Duration (deg.)	294°	288°	288°
	Valve open overlap (deg.)		66°	58°	58°
Intake	Material		Alloy steel aluminized face for L6-250 & V8-305		
	Overall length		4.902-4.922	4.928-4.953	4.870 - 4.889
	Actual overall head dia.		1.715-1.725		1.935 - 1.945
	Angle of seat & face (deg.)		46° seat; 45° face		
	Seat insert material		None		
	Stem diameter		.3410 - .3417		
	Stem to guide clearance		.0010 - .0027		
	Lift (@ zero lash)		.3880	.3727	.3900
	Outer spring press. & length	Valve closed (lb @ in.)	76-86 @ 1.66	76.84 @ 1.70	
		Valve open (lb @ in.)	170-180 @ 1.26	194-206 @ 1.25	
	Inner spring press. & length	Valve closed (lb @ in.)	None	Spring damper	
		Valve open (lb @ in.)	None	Spring damper	
Exhaust	Material		High alloy steel, aluminized face		
	Overall length		4.913 - 4.933		4.910 - 4.930
	Actual overall head dia.		1.495 - 1.505		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	.4100
	Outer spring press. & length	Valve closed (lb @ in.)	76-86 @ 1.66	76-84 @ 1.61	
		Valve open (lb @ in.)	170-180 @ 1.26	195-206 @ 1.16	
	Inner spring press. & length	Valve closed (lb @ in.)	None	Spring damper	
		Valve open (lb @ in.)	None	Spring damper	

(a) Welded steel tubing

MVMA Specifications Form
Passenger Car

Car Line Camaro
Model Year 1976 Issued 9/75 Revised (●) ____

Engine Displacement		
L6-250 C.I. L22	V8-305 C.I. LG3	V8-350 C.I. LM1

Engine — Lubrication System

Type of lubrication (splash, pressure, nozzle)	Main bearings	Pressure	
	Connecting rods	Pressure	
	Piston pins	Splash	
	Camshaft bearings	Pressure	
	Tappets	Pressure	
	Timing gear or chain	Nozzle	Centrifugally oiled from camshaft bearing
	Cylinder walls	Splash	Pressure jet cross sprayed
Oil pump type		Gear	
Normal oil pressure (lb. @ engine rpm)		36-41 PSI @ 2000	32-40 PSI @ 2000
Oil pressure sending unit (elect. or mech.)		Electric	
Type of intake (floating, stationary)		Stationary	
Lubrication system (full flow, part., other)		Full flow	
Filter replacement (element, complete)		Complete	
Capacity of crankcase less filter-refill (qt.)		4	
Viscosity 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-40, 10W-30 Below 20°F - 5W-20, 5W-30	
API service reqmt. (SD, SE, etc.)		SE	

Engine — Exhaust system

Type (single, single with cross-over, dual, etc.)		Single with converter.	Single with crossover and converter.
Muffler No. & type (reverse flow, straight thru, separate resonator)		One; reverse flow	
Resonator No. & type		None	
Exhaust Pipe	Branch O.D. wall thickness	2.25 X .078* (a)	2.50 X .078* (a) 2.00 X .078* (b)
	Main O.D. wall thickness	2.25 X .071 (c)	
	Material	Welded or seamless steel tubing	
Tail Pipe	O.D. & wall thickness	2.00 X .062	
	Material	Welded or seamless steel tubing (d)	

*Laminated
(a) Exhaust pipe to converter
(b) Crossover
(c) Converter to muffler
(d) Dual tail pipes on 305 cu. in. and 350 cu. in.

MVMA Specifications Form
Passenger Car

Car Line Camaro
Model Year 1976 Issued 9/75 Revised (●)

Engine Displacement		
L6 -250 C.I. L22	V8-305 C.I. LG3	V8-350 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 (a)		4.00-5.00	7.50-9.00	
Vacuum booster (std., optional, none)			None		
Fuel Filter	Type		Fine mesh plastic strainer in gas tank and paper		
	Locations		filter element in carburetor inlet		
Carburetor	Choke type		Automatic		
	Intake manifold heat control (exhaust or water)		Exhaust		
	Air cleaner type	Standard	Thermostatically controlled, oil wetted paper element.		
		Optional			
	Idle speed (spec. neutral or drive)	Manual	850	800	800
		Automatic	550 (600)	600	600
	Idle A/F mix.		Not specified		

Carburetor Supplementary Information

Model Usage	Piston Displ	Transmission	Carburetors		No Used and Type	Barrel Size
			Make	Model		
1FQ87	250 L22	Manual Automatic	Rochester	17056013 17056012 (17036314)	One 1-bbl	1.69
1FQ87 & 1FS87	305 LG3	Automatic	Rochester	17056112 (17056412)	One 2-bbl	1.69
	350 LM1	Automatic	Rochester	17056202 (17056502)	One 4-bbl.	1.38 prim. 2.25 sec.

(a) 1800 RPM at pump outlet

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

MVMA Specifications Form
Passenger Car

Car Line Camaro
Model Year 1976 Issued 9/75 Revised (●)

	Engine Displacement		
	L6-250 C.I. L22	V8-305 C.I. LG3	V8-350 C.I. LM1

Engine — Cooling System

Type system (pressure, pressure vented, atmospheric, other)		Pressure vented thru coolant recovery system		
Radiator cap relief valve pressure		15 PSI		
Circulation thermostat	Type (choke, bypass)	choke		
	Starts to open at (°F)	192°-198°		
Water pump	Type (centrifugal, other)			
	GPM 2000 pump rpm	21.0	22.7	22.7
	Number of pumps	One		
	Drive (V-belt, other)	V-belt		
	Bearing type	Permanently lubricated double row ball		
Bypass recirculation type (internal, external)		Internal		
Radiator core type (cross-flow vertical, cellular, tube and fin, other)		Cross flow tube and center		
Cooling system capacity	With heater (qt.)	14.6	17.2	17.3
	Without heater (qt.)			
	Opt. equipment-specify (qt.)	14.7	17.9	18.0
Water jackets full length of cyl. (yes, no)		Yes		
Water around cylinder (yes, no)		Yes		
Radiator hose	Lower: Number and type (molded, straight)	One, molded		
	Lower: Inside diameter	1.75		
	Upper: Number and type (molded, straight)	One, molded		
	Upper: Inside diameter	1.50		
	Bypass: Number and type (molded, straight)	None		
	Bypass: Inside diameter	None		
Fan	Number of blades & spacing	4-blade, 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 all used by letter)	Fan	A	B (E)	C (E)
	Generator or alternator	A	B (E)	C (E)
	Water Pump	A	B (E)	C (E)
	Power Steering	F	H	H
	Air Conditioning	G	I	I
	Air Injection	D	(E)	(E)

Note: Items bracketed ( ) are specific to California engine.

Belt Dimensions	A	B	C	D	E	F	G	H	I	J	K
Angle	← 34°- 38' →										
Nominal length (SAE)	38.00	44.50	47.00	38.00	48.00	49.00	52.50	36.00	54.50		
Belt width	.440	.380	.380	.380	.380	.380	.440	.380	.380		

MVMA Specifications Form
Passenger Car

Car Line Camaro
Model Year 1976 Issued 9/75 Revised (●)

	Engine Displacement	
	L6-250; V8-305 V8-350 (LM1)-All States except Calif.	L6-250; V8-305 V8-350 (L65 CCS California only

Vehicle Emission Control

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		1.15:1 (L6) 1.33:1 (V8)
		Drive type		Crankshaft pulley
		Relief valve (type)		Diverter Valve
		Filter (describe)		Centrifugal air cleaner
	Air Injection System	Air distribution (head, manifold, etc.)		Exhaust Pipe
		Point of entry		Exhaust Pipe
		Injection tube i.d.		.2700
		Check valve type		Pressure plate system
		Backfire protection (type)		Diverter Valve
	Exhaust Gas Recirculation System	Type (controlled flow, open orifice other)	Controlled flow	
		Valve type	Vacuum modulated shut-off and metering valve	
		Valve location	L6-250 left front; V8-350 & 305 right rr. of manifold	
		Control energy source	Carburetor vacuum	
		Exhaust source	Manifold exhaust crossover	
		Exhaust cooler type	None	
		Orifice no. and size	One; .030 (a)	
		Point of exhaust injection (spacer carburetor manifold, other)	Inlet Manifold	
	Catalytic Converter System	Catalyst Type	Platinum-Palladium	
		Catalyst Volume	260 cu. in.	
		Substrate type	Alumina	
		Container location	Beneath right front underbody	
	Other	Carburetor Hot Air	Thermostatically controlled air cleaner regulates and mixes heated air with incoming cold air to reduce hydrocarbon emission.	

Controlled Combustion System

MVMA Specifications Form
Passenger Car

Car Line Camaro
Model Year 1976 Issued 9/75 Revised (●)

Engine Displacement
L6-250 C.I./V8-305 C.I./V8-350 C.I.

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); 6487728 (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 (screen, other)		Screen
Evaporative Emission Control	Fuel Tank	Thermal expansion volume (cu. ft.)		Approximately 10% of refill capacity.
		Relief pressure (psi) and location		1.1 PSI
		Vacuum relief (psi) and location		.7 PSI
		Vapor-liquid separator type		Integral with Fuel Tank
		Vapor vented to (crankcase, canister, other)		Canister
	Carburetor	Vapor vented to (crankcase, canister, other)		Atmosphere L-6 engines 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.

MVMA Specifications Form
Passenger Car

Car Line Camaro
Model Year 1976 Issued 9/75 Revised (•)

	Engine Displacement	
	L6-250 C.I.	V8-305 & V8-350 C.I.

Electrical — Supply System

Battery	Make and Model		Delco Remy 1980291	Delco Remy 1980240
	Voltage Rtg & Total Plates		12V (2500 watts) 54 plates	12V (3200 watts) 66 plates
	SAE Designation No. and/or capacity (A)		0°-275 amps: -20-210 amps; 60 minutes reserve capacity	0°-350 amps; -20°-270 amps 80 minutes reserve capacity
	Location		Right side of engine compartment	
	Terminal grounded		Negative	
Generator or Alternator	Make		Delco Remy	
	Model		1102941	1102394
	Type and rating		Diode rectified 37 amps	
	Output at engine idle (neutral)			
	Ratio—Gen. to Crs 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 ampere	
		Other	None	

Electrical — Starting System

Starting Motor	Make			Delco Remy	
	Model			1108778	1108776
	Rotation (drive end view)			Clockwise	
Motor Drive	Engagement type			Positive Shift Solenoid	
	Pinion engages from (front, rear)			Rear	
	Number of teeth	Pinion		9	9
		Flywheel	Manual	153	- -
			Auto.	153	168
	Flywheel tooth face width		Manual	.4010 - .4130	- -
			Auto.	.4010 - .4130	.4100 - .4220

(A) - Cold cranking rating.

MVMA Specifications Form
Passenger Car

Car Line Camaro
Model Year 1976 Issued 9/75 Revised (●) 1/76

Engine Displacement		
L6-250 C.I. L22	V8-305 C.I. LG3	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	1110666	1112977	1112888
	Automatic	1112863	1112977 (1112999)	1112888 (1112905)
Timing ●	Manual	6° @ 850	6° @ 800	8° @ 800
	Automatic	10° @ 550 (10° @ 600)	8° @ 600 (0° @ 600)	8° @ 800 (6° @ 600)

Distributor Mode	CENTRIFUGAL ADVANCE Crankshaft Degrees at Engine RPM			VACUUM ADVANCE Crankshaft Deg. at In. of Mercury	
	Start	Intermediate	Maximum	Start	Maximum
1110666	0° @ 1000	7 @ 1600	20 @ 4200	0° @ 4	23° @ 15
1112863	0° @ 1100	11 @ 2300	20 @ 4200	0° @ 4	18° @ 12
1112888	0° @ 1000	12 @ 1800	22 @ 4600	0° @ 4	17° @ 11.5
1112905	0° @ 1200	12 @ 2000	22 @ 4200	0° @ 6	15° @ 12
1112977	0° @ 1000	10 @ 1700	20 @ 3800	0° @ 3	15° @ 7
1112999	0° @ 1000	10 @ 1700	20 @ 3800	0° @ 4	9° @ 7

Note: Items bracketed ( ) are specific to California engines.

MVMA Specifications Form
Passenger Car

Car Line Camaro
Model Year 1976 Issued 9/75 Revised (●) 1/76

	Engine Displacement	
	L6-250 C.I.	V8-305 & 350 C.I.

Electrical—Ignition System

Type	Conventional - Std., Opt., N.A.		- - -	
	Transistorized - Std., Opt., N.A.		- - -	
	Other (specify)		High Energy Ignition System	
Coil	Make		Delco Remy	
	Model		Separate Coil	Integral with distributor
	Current	Engine stopped	- - -	
		Engine idling	- - -	
Spark Plug	Make		AC Spark Plug	
	Model		R46TS	R45TS
	Thread (mm)		14	
	Tightening torque (lb. ft.)		25 (original) 15 (replacement)	
	Gap		.035	.045
Cable	Conductor type		Fiberglass core impregnated with electrical conducting material	
	Insulation type		Rubber with silicone jacket	
	Spark plug protector		Silicone rubber	

Electrical—Suppression

Locations & type	Non-metallic high tension ignition cables

Electrical—Instruments and Equipment

Speed-ometer	Type		Circular dial with pointer
	Trip odometer (std. opt. N.A.)		NA
EGR maintenance indicator			NA
Charge Indicator	Type		Tell-Tale
	Warning device		NA
Temperature Indicator	Type		Tell-tale
	Warning device		NA
Oil pressure Indicator	Type		Tell-tale
	Warning device		NA
Fuel Indicator	Type		Electric gauge
	Warning device		NA
Wind-shield Wiper	Type - standard		Electric, two-speed
	Type - optional		None
	Blade length		16.0"
	Swept area		841.02
Wind-shield Washer	Type - standard		Push-button
	Type - optional		None
	Fluid level indicator		NA
Horn ●	Type		Vibrator
	Number used		Dual - 1FS87 Model Type "LT." Single (low Note) on 1FQ87 mode
	Current draw (A) per horn		4.5-6.5 @ 12.5 Volts
Other			Parking brake warning light, brake failure warning light, Restraint system warning light and buzzer.

MVMA Specifications Form
Passenger Car

Car Line Camaro
Model Year 1976 Issued 9/75 Revised (●)

	Engine Displacement	
	L6-250 Cu In	V8-305/350 Cu In

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 spring friction material	Coil springs	

Drive Units—Transmissions

Manual 3-speed (std. opt. N.A.)	Standard
Manual 4-speed (std. opt. N.A.)	Optional with V8-350 engine only
Automatic (std. opt. N.A.)	Optional

Drive Units — Manual Trans.

		L6-250-V8-305 C.I.	V8-350 C.I.
Number of forward speeds		3	4
Transmission ratios	In first	3.11	2.85
	In second	1.84	2.02
	In third	1.00	1.35
	In fourth	-	1.00
	In reverse	3.22	2.85
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	SAE80	
	SAE viscosity number — Winter	SAE80	
	SAE viscosity number — Extreme cold	SAE80	

MVMA Specifications Form
Passenger Car

Car Line Camaro
Model Year 1976 Issued 9/75 Revised (●) 1/76

	Engine Displacement	
	L6-250 C.I.	V8-305/350 C.I.

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	1.94	
	N	Neutral	
	D	2.52-1.52-1.00	
	L2	2.52-1.52	
	L1	2.52	
Max. upshift speed - drive range		78	81
Max. kickdown speed - drive range		82	85
Torque Converter	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 ●	Dexron II	
Special transmission features			

Drive Units—Axle

Type (front, rear)		Rear	
Description		Semi-floating axle shaft overhung drive pinion and ring gear	
Limited Slip differential type		Disc clutches	
Drive Pinion Offset		1.75 vertical	
No. of differential pinions		Two	
Pinion adjustment (shim, other)		Shims	
Pinion bearing adj. (shim, other)		Collapsible sleeve	
Wheel bearing type		Direct or single row cylindrical	
Lubricant ●	Capacity (pt.)	4.25	
	Type recommended	Meeting military specs. MIL-L-2105B	
	SAE viscosity number — Summer	SAE 80 - 90	
	SAE viscosity number — Winter	SAE 80 - 90	
	SAE viscosity number — Extreme cold	SAE 80 - 90	

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

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

MVMA Specifications Form
Passenger Car

Car Line Camaro
Model Year 1976 Issued 9/75 Revised (●) _____

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 thickness	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
Intermediate 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-peck
Drive taken through (torque tube or arms, springs)			Springs
Torque taken through (torque tube or arms, springs)			Springs

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

MVMA Specifications Form
Passenger Car

Car Line Camaro
Model Year 1976 Issued 9/75 Revised (●)

Body Type And/Or Engine Displacement, Etc.	
1FQ87	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		.50	.34
	Attachment	Type (bolt or stud)	Stud	
		Circle diameter	4.75	
		Number & size	5 - Hex nuts 7/16 - 20 UNEF- 2B	
	Spare wheel (same or other)		Same; space saver spare tire optional	

Drive Units — Tires And Wheels (Optional)

Size, load range, ply	E78 X 14B	
Type (bias, radial, etc.)	Bias belted	
Wheel type & material	Short spoke disc	Styled steel
Rim (size, flange type, and offset)	14 X 6 Rally	14 X 7 Rally
Size, load range, ply		
Type (bias, radial, etc.)		
Wheel type & material	Styled steel	
Rim (size, flange type, and offset)	14 X 7 Custom	
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)	

MVMA Specifications Form
Passenger Car

Car Line Camaro
Model Year 1976 Issued 9/75 Revised (●)

Body Type And/Or Engine Displacement

Brakes — Service

				Body Type And/Or Engine Displacement
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 V8 engines; optional with L6 engine
Booster Type (remote, integral, etc.)				Integral
Effective area (sq. in.)*				112.0
Gross lining area (sq. in.)**				115.6
Swept area (sq. in.)***				326.4
Drum	Diameter (nominal)	Front		
		Rear		9.5
	Type and material			Composite, finned, cast iron steel web
Rotor	Outer working diameter			11.0
	Inner working diameter			7.18
	Thickness			1.03
	Material & type (vented/solid)			Cast iron, vented
Wheel cylinder bore	Front			2.9375
	Rear			.938
Master Cylinder	Bore			1.00: Power 1.125
	Stroke			Manual 1.253; Power 1.408
Pedal arc ratio				Manual- 6.22:1; Power 3.58:1
Line pressure at 100 lb. pedal load				
Shoe Clearance	Front			Self-adjusting
	Rear			Self-adjusting
Anti-skid device type (std., opt., N.A.)				N.A.
Brake lining	Bonded or riveted, rivets/seg			Riveted
	Rivet size			Front .210 X .379; Rear .143 X .250
	Manufacturer			Delco Moraine
	Part number			Front 18000750; Rear 5474999
	Front Wheel	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		- -
		Shoe thickness		One
				.540
	Rear Wheel	Material		Molded asbestos
		Size (length x width x thickness)	Prim. or outboard	7.30 X 2.0 X 0.23
			Second or inboard	- -
				9.46 X 2.0 X 0.23
		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.)

MVMA Specifications Form
Passenger Car

Car Line Camaro
Model Year 1976 Issued 9/75 Revised (●)

Steering

Manual (std., opt., NA)				NA
Power (std., opt., NA)				Standard; energy absorbing steering column
Adjustable steering wheel (tilt, swing, other)		Type and description		Tilt: universally jointed steering shaft at base of steering wheel; 5 inch vertical travel range.
		(std., opt., NA)		Optional
Wheel diameter		Manual		-----
		Power		4-spoke splayed (14.25 X 14.75)
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
Wh. Align (range at curb wt & preferred)	Caster (deg.)			1±1
	Camber (deg.)			P1 ± 3/4
	Toe-in (outside track inches)			1/16 ± 1/8
Steering spindle & joint type				Steering knuckle with spherical joints
Wheel Spindle	Diameter	Inner bearing		1.2493 - 1.2498
		Outer bearing		.7492 - .7498
	Thread size			3/4 - 20 UNEF - 3A (modified)
	Bearing type			Taper roller

MVMA Specifications Form
Passenger Car

Car Line Camaro
Model Year 1976 Issued 9/75 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 and 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	3.15
	Full Rebound	3.76
Spring	Type (coil, leaf, other)	Coil
	Material	Steel alloy
	Size (coil design height & I.D., bar length x dia.)	11.0 X 4.05; 116.14 X .617 (a)
	Spring rate (lb. per in.)	300
	Rate at wheel (lb. per in.)	89
Stabilizer	Type (link, linkless, frameless)	Link
	Material & bar diameter	HR steel; Base 15/16

Suspension — Rear

Type and description			Salisbury rear axle with multiple leaf springs
Drive and torque taken through			Rear springs
Travel	Full Jounce		2.88
	Full Rebound		Left 4.93; Right 5.21
Spring	Type (coil, leaf, other)		Multiple leaf
	Material		Chrome carbon steel
	Size (length x width, coil design height & I.D., bar length & dia.)		56.0 X 2.50 (a)
	Spring rate (lb. per in.)		90
	Rate at wheel (lb. per in.)		100
	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 (optional)
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.

MVMA Specifications Form
Passenger Car

Car Line Camaro
Model Year 1976 Issued 9/75 Revised (•)

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

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
Theft protection - type		6 Cyl. - Right side of cylinder block, rear of distributor 8 Cyl. - Top front of RH bank of cylinder case
Vent window control method (crank, friction pivot, power)	Front	None
	Rear	None
Seat cushion type	Front	Formed Foam Pad
	Rear	Formed Foam Pad
	3rd seat	--
Seat back type	Front	Formed Foam Pad
	Rear	Formed Foam Pad
	3rd seat	--
Windshield glass type		Single curved, laminated plate
Side glass type		Curved, tempered plate
Backlight glass type		Single curved, tempered plate
Windshield glass exposed surface area		1137.6
Side glass exposed surface area		1139.8
Backlight glass exposed surface area		1212.7
Total glass exposed surface area		3490.1

MVMA Specifications Form
Passenger Car

Car Line Camaro
Model Year 1976 Issued 9/75 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
[illegible]		Standard 1FS87 - Optional 1FQ87
[illegible] (specify type and availability)		Optional - Four season, manual control
Speed warning device		NA
[illegible] device		Optional, with V-8 engine and automatic transmission only.
[illegible] lamp		NA
Dome lamp		Standard
[illegible] compartment lamp		Standard 1FS87 - optional 1FQ87
Luggage compartment lamp		Optional
[illegible] lamp		Optional
[illegible] lamp		Optional
[illegible]		NA
[illegible] light lamp		NA
Rear window defroster [illegible]		NA
Rear window defogger		Optional
Power door lock sys.		Optional
Windshield antenna		Available with factory installed radio

Lamp Height And Spacing*

[illegible] 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 [illegible] to center of bulb	Headlamp	Inside	--
		Outside**	27.8
	Tail	Inside	--
		Outside	26.4
	Directional	Front	19.6
		Rear	26.4

* [illegible] passenger load and trunk/cargo load specified in Car and Body Dimension section.

** [illegible] headlamps are used enter here.

MVMA Specifications Form
Passenger Car

Car Line Camaro
Model Year 1976 Issued 9/75 Revised

Vehicle Weights

Model	CURB WEIGHT* (Pounds)			% PASS WEIGHT DISTRIBUTION				SHIPP... **
				Pass. In Front		Pass. In Rear		
	Front	Rear	Total	Front	Rear	Front	Rear	
STANDARD (a)								
2-Door Sport Coupe 1FQ87	1898	1633	3531	40.7	59.3	15.3	84.7	34...
TYPE "LT" (b)								
2-Door Sport Coupe 1FS87	1999	1687	3686	40.7	59.3	15.3	84.7	357...

(a) L6-250 cu.in. engine
(b) V8-305 cu.in. LG3 eng

* Reference - SAE J1100, Passenger Car Dimension Definitions, Pg. 1, Base Curb Weight

** Shipping weight definition -

MVMA Specifications Form
Passenger Car

Car Line Camaro
Model Year 1976 Issued 9/75 Revised (●)

Optional Equipment Weights

Equipment Differential Weights	WEIGHT (Pounds) Front	Rear	Total	Remarks
Air conditioning	+ 68	+ 10	+ 78	with 6 cyl engine
	+ 80	+ 10	+ 90	with V8 engine
Power Brakes	+ 9	+ 1	+ 10	
Electric Door Locks	+ 2	+ 4	+ 6	
Power Windows	+ 5	+ 5	+ 10	
Front & Rr Floor mats	+ 5	+ 5	+ 10	
Deluxe Soft Roof Cover	+ 2	+ 3	+ 5	
Front Compartment Console	+ 4	+ 2	+ 6	with 3 & 4 speed transmission
	+ 7	+	+ 10	with Automatic transmission
Spoilers-front & rear	0	+ 11	+ 11	
Sport perf. susp. frt. & rr.	+ 2	+ 8	+ 10	
Special Wheel, Hub Cap & Trim Ring.	+ 6	+ 9	+ 15	
Urethane Styled Steel Wheel 14 X 7	+ 12	+ 18	+ 30	
Radio AM-Push-Button	+ 5	+ 2	+ 7	
Radio AM-FM Push-Button	+ 6	+ 2	+ 8	
Radio AM-FM Stereophonic	+ 11	+ 4	+ 15	
Radio AM & Stereo Tape	+ 14	+ 6	+ 20	
Radio AM-FM & Stero Tape	+ 15	+ 6	+ 21	
Auxiliary Speaker	+ 1	+ 4	+ 5	
Combined Interior - Decor Quiet Sound Group	+ 4	+ 4	+ 8	
305 cu. in. LG3	+ 84	+ 6	+ 90	
350 cu. in. LM1	+ 118	+ 6	+ 124	
4-speed transmission	+ 4	+ 2	+ 6	Used with LM1
Turbo Hydra-matic Trans.	+ 15	+ 8	+ 23	Used with L22, LG3 & LM1

MVMA Specifications Form
Passenger Car

Car Line Camaro
Model Year 1976 Issued 9/75 Revised (●)

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.

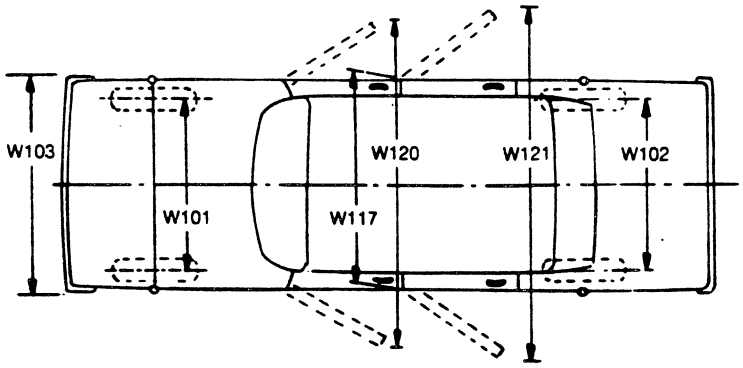
Fiducial Mark Number	Coordinate Location of Fiducial Mark			Fiducial Mark to Ground at Curb
	X	Y	Z	
Front	21.26	27.63	5.04	Standard Coupe Type LT Coupe
	X	Y	Z	
Rear	23.20	75.00	0.86	Standard Coupe Type LT Coupe

* Reference — SAE Recommended Practice J182

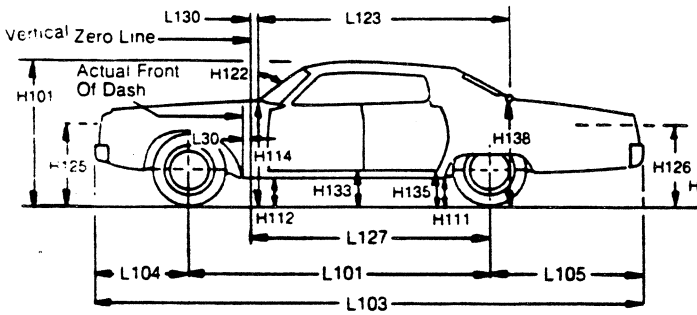
MVMA Specifications Form
Passenger Car

Exterior Car And Body Dimensions — Key Sheet

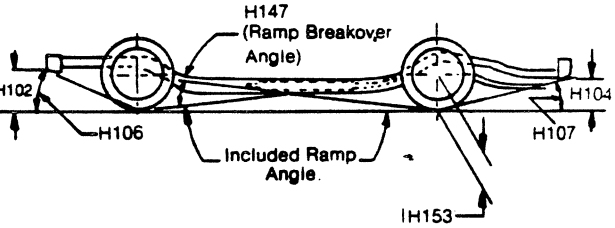
Width



Length & Height

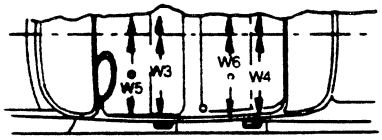


Ground Clearance

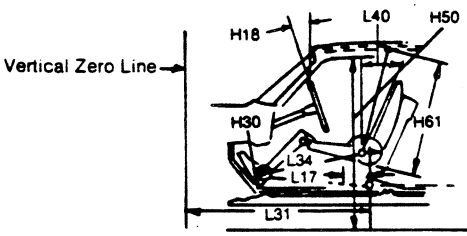


Interior Car And Body Dimensions — Key Sheet

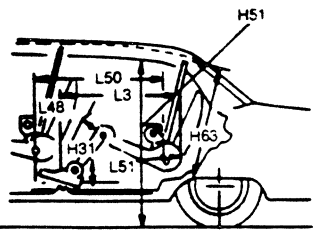
Width



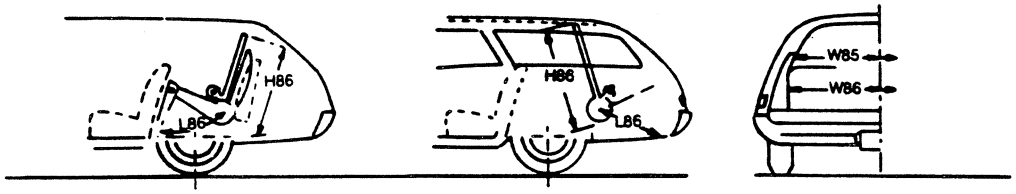
Front Compt.



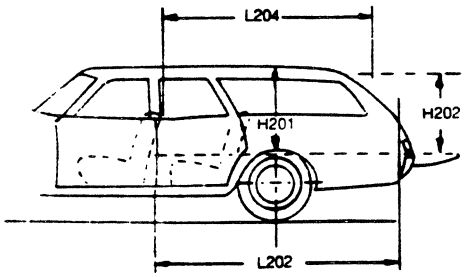
Rear Compt.



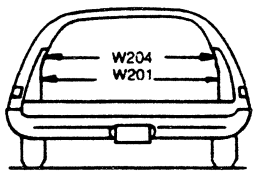
Third Seat

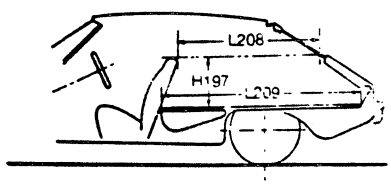


Cargo Space



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. dimension from ground to bottom of rocker pan flanges. Measured to the outside of sheet point of rocker panel.

H133 BOTTOM OF DOOR TO GROUND, CLOSED — the same point on the door as H132 dimensio closed

H111 ROCKER PANEL TO GROUND — REAR dimension from ground to bottom of rocker pa flanges. Measured to the outside of sheet m of rear wheel opening.

H135 BOTTOM OF DOOR TO GROUND, CLOSE measured in same manner as H133.

H122 WINDSHIELD SLOPE ANGLE. The angle tical line and the windshield surface a On compound-curved windshields the ch is used and limited to that section of the comprehended by an 18-inch chord

H125 HEADLAMP CENTERLINE TO GROUND is m cally to the center of the upper lamp.

H126 TAILLAMP CENTERLINE is measured ver ground to the centerline of the upper bulb

Ground Clearance Dimensions

H102 BUMPER TO GROUND — FRONT. Minimu includes bumper guards.

H104 BUMPER TO GROUND — REAR. Minim includes bumper guards.

H106 ANGLE OF APPROACH. The angle betwee a line tangent to the front tire static loaded ra and the first point of interference, i.e., bumper deflector, fender or other component, exc plate. This dimension may be determine reporting purposes.

H107 ANGLE OF DEPARTURE. The angle b a line tangent to the rear tire static loa the first point of interference, i.e., bum deflector, tail pipe, fender or other comp license plate. This dimension may be dete cally for reporting purposes.

H147 RAMP BREAKOVER ANGLE. The supplem ramp angle (180° minus included ramp ang car can pass without interference; measured on a level surface, using lines tangent to arcs rear static loaded radii and intersecting at po side of car which defines the smallest angle.

H153 REAR AXLE DIFFERENTIAL SYSTEM TO G minimum clearance.

H156 MINIMUM RUNNING GROUND CLEARANC measurement on the car is to be clearly rec

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 lateral dimensions between the door garnish moldings or nearest interference, measured at the H Point station.

W5 HIP ROOM — FRONT. The lateral dimension through the H Point to trimmed body surfaces. Depress loose side wall cloth to trim foundation or other obstruction if such construction exists.

H5C 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 MINIMUM KNEE ROOM — REAR. The minimum dimension from the Manikin knee pivot center to the back of the front seat back.

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 — REAR. The minimum lateral dimension between the door garnish molding or nearest interference. Measured at H Point station.

W6 HIP ROOM — REAR. The lateral dimension through H Point to trimmed body surfaces. Depress loose side wall cloth to trim foundation or other obstruction when such construction exists.

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 SEAT. The minimum lateral dimension between the door garnish moldings or nearest interference. Measured at H Point station.

W86 HIP ROOM — THIRD SEAT. The lateral dimension through H Point to trimmed surfaces.

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 [illegible] seat(s) full down and rear position, and the rear seat folded down [illegible] 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 front seat back to the normal limiting interference of the hatch back door on the car centerline.

V3 HATCH BACK — CARGO INDEX VOLUME. Hatch back cargo index volume is to be determined by the following formula and expressed in terms of cubic feet:

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

MVMA Specifications Form
Passenger Car

Index