
GENERAL

ORIGINAL COPY

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MODEL IDENTIFICATION

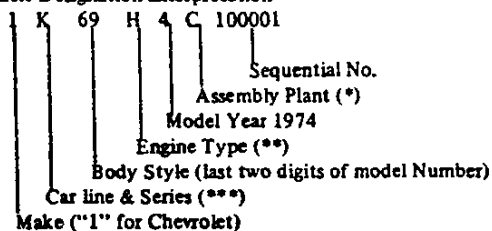
BODY	SERIES NAME	BODY STYLE	MODEL DESIGNATION	PASS OR SEATS
B-CAR	BEL AIR	4-Dr. Sedan	1BK69	6
		4-Dr. Station Wagon	1BK35	2-Seat
		4-Dr. Station Wagon	1BK45	3-Seat
	IMPALA	4-Dr. Sedan	1BL69	6
		4-Dr. Sport Sedan	1BL39	6
		2-Dr. Sport Coupe	1BL57	6
		2-Dr. Custom Coupe	1BL47	6
		4-Dr. Station Wagon	1BL35	2-Seat
		4-Dr. Station Wagon	1BL45	3-Seat
		CAPRICE CLASSIC	4-Dr. Sedan	1BN69	6
	2-Dr. Custom Coupe		1BN47	6
	2-Dr. Convertible		1BN67	6
	4-Dr. Sport Sedan		1BN39	6
	CAPRICE ESTATE	4-Dr. Station Wagon	1BN35	2-Seat
		4-Dr. Station Wagon	1BN45	3-Seat

SERIAL NUMBERS AND IDENTIFICATION

ONLY BASIC DESIGNATIONS SHOWN

VEHICLE IDENTIFICATION NUMBER

Vehicle Designation Interpretation



*D - Doraville-GMAD T - Tarrytown-GMAD
J - Janesville-GMAD Y - Wilmington-GMAD
C - Southgate-GMAD S - St. Louis-Chevrolet

**H - V8-350 (145 H.P.) Y - V8-454 (235 H.P.)
R - V8-400 (150 H.P.) Passenger Vehicles
U - V8-400 (180 H.P.) W - V8-454 (235 H.P.)
Station Wagons Station Wagons

***K - Bel Air Models N - Caprice Classic
L - Impala Models Models

EXAMPLE: The twenty-fifth Chevrolet vehicle built at GMAD Southgate if it were a 1BK69 model (Bel Air Sedan) with a V8-350 (145 H.P.) engine would bear VIN number 1K69H4C100025.

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

TRANSMISSION IDENTIFICATION

Example: Y4E01

Type Designation	Source Designation	Model Year	Production ^o Month & Date
FD	Y (Toledo)	4	E01D*

FD	Turbo Hydra-matic	V-8 engine	B - Cleveland Y - Toledo
CA	Turbo Hydra-matic	V-8 engine	- - Ypsilanti

Location:

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

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

ENGINE IDENTIFICATION

Example: F1210CMA

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

Turbo-Fire 350, 350 Cubic Inch V-8, Base Engine

CMA - Regular production engine, Turbo Hydra-matic

Turbo-Fire 350, 350 Cubic Inch V-8 (RPO LM1)

CMH - Optional, Turbo Hydra-matic, 4-bbl carb.

Turbo-Fire 400, 400 Cubic Inch V-8 (RPO LF6)

CTA - Optional, Turbo Hydra-matic, 2-bbl carb.

Turbo-Fire 400, 400 Cubic Inch V8 (RPO-LT4)

CTD - Optional, Turbo Hydra-matic, 4-bbl carb.

Turbo-Jet 454, 454 Cubic Inch V-8 (RPO-LS4)

CXA - Optional, Turbo Hydra-Matic, 4-bbl carb.

Location:

8-cylinder engine Stamped on pad at front right side of cylinder block

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

REAR AXLE IDENTIFICATION

VA - 2.73 Axle
VC - 3.08 Axle
VE - 3.42 Axle

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

See Power Train section for additional information.

EXTERIOR EQUIPMENT

STANDARD EXTERIOR EQUIPMENT SEDANS AND COUPES

FRONT	Bel Air	Impala	Caprice Classic
Windshield Reveal Moldings	X	X	X
Concealed Windshield Wipers with Articulated Left Arm	X	X	X
Parking, Turn and Marker Lamps in Fender Extensions	X	X	
Chrome and Silver Plastic Grille, Caprice Emblem on Header Panel			X
Argent Grille with Bow Tie Emblem	X	X	
Chrome-Plated Plastic Headlamp Bezels with Argent Painted Grille Area	X	X	
'Chevrolet' Script on Header Molding	X	X	
Headlamp Bezels, Chrome-Plated Plastic with Integral Park and Turn Lamp			X
Chevrolet Script on Grille, LH			X
<u>SIDE</u>			
Marker Lamps in Front Fender Extensions			X
Rear Quarter Marker Lamps	X	X	X
Front Fender 'Bel Air' Script Nameplate	X		
'Impala' Script Nameplate on Front Fender		Exc. 47	
'Impala' Script and 'Custom' Nameplate on Sail Panel		47	
Sail Panel Caprice Classic Emblem			X (exc. 67)
Quarter Panel Caprice Classic Emblem			67
Rectangular 5" Outside L.H. Rear View Mirror	X	X	X
Rocker Panel Moldings—Bright	X	X	X
Bright Lower Body Molding with Paint and Vinyl Inserts			X
Body Side Molding—Bright		Exc. 47	
Body Side Molding with Vinyl Insert	O	47 *	
Flush Door Handle—Bright	X	X	X
Roof Rail Weatherstrip Moldings—Bright		Exc. 69	39, 47
Wheel Trim Covers	O	O	X
Rear Fender Opening Covers and Molding	O	O	X
Hub Caps	X	X	
Roof Drip Moldings—Bright	O	X	Exc. 67
Door Upper Frame Reveal Moldings—Bright		69	69
Wheel Opening Moldings		47 *	†
Rear Belt Molding			67
Quarter Window Reveal Molding—Bright Vinyl (Butyrate)		47	47
<u>REAR</u>			
Deck Lid Nameplate—"Chevrolet"	X	X	
Deck Lid Nameplate—"Caprice" with Bow-Tie			X
Rear Window Reveal Moldings—Bright	X	X	Exc. 67
Four Tail and Stop Lamps and Two Back-Up Lamps in End Panel		X	X
Two Tail and Stop Lamps and Two Back-Up Lamps in End Panel	X		
Rear Lamp Trim Plates—Red Reflex Perimeter			X
Rear Lamp Trim Plates—Dark Argent Paint Accents		X	

- O Optional Usage
- † Front Wheels only.
- * Optional for other models

EXTERIOR EQUIPMENT

STANDARD EXTERIOR EQUIPMENT STATION WAGONS

<u>FRONT</u>	Bel Air	Impala	Caprice Estate
Windshield Reveal Moldings - Bright	X	X	X
Concealed Windshield Wipers with Articulated Left Arm	X	X	X
Parking, Turn and Marker Lamps in Fender Extensions	X	X	
Chrome-Plated Plastic Grille, Caprice Emblem on Header Panel			X
Argent Grille with Bow Tie Emblem	X	X	
Chrome Plated Plastic Headlamp Bezels with Argent Painted Grille Area	X	X	
Chevrolet Script on Header Molding	X	X	
Headlamp Bezels, Chrome Plated Plastic with Integral Park and Turn Lamp			X
Chevrolet Script on Grille - LH			X
 <u>SIDE</u>			
Marker Lamps in Front Fender Extensions			X
Rear Quarter Marker Lamps	X	X	X
Rectangular 5" Outside L.H. and R.H. Rear View Mirror	X	X	X
Rocker Panel Moldings-Bright	X	X	
Roof Drip Moldings-Bright	O	X	X
Wheel Trim Covers - Caprice type			X
Hub Caps	X	X	
Flush Door Handle-Bright	X	X	X
Door Upper Frame Reveal Moldings-Bright		X	X
Wheel Opening Moldings		O	
Rear Quarter Window Reveal Molding-Bright		X	X
Rear Quarter Window Reveal Molding-Painted	X (a)		
Body Side Wood-Grain Insert and Lined Oak Border Moldings			X
Front Fender Series Nameplate - Bel Air, Impala	X	X	
Rear Quarter Series Nameplate - 'Caprice Estate'			X
Body Side Molding-Bright		X	
Body Side Molding with Vinyl Insert	O	O	
 <u>REAR</u>			
Tailgate Nameplate-"Chevrolet"	X	X	X
Tailgate Wood-Grain Insert and Lined Oak Moldings			X
Tailgate Window Scaip and Reveal Moldings-Bright	X (a)	X	X
Tailgate Belt Molding-Bright	X	X	X
Single Tail, Stop and Back-Up Lamps in Body	X	X	X
Tailgate Lower Moldings-Bright		X	
Tailgate Lift Handle - Bright	X	X	X
Electric Tailgate Window Control-Bright	X	X	X
Keyless Tailgate Release	X	X	X

O Optional Usage
(a) Body color

INTERIOR EQUIPMENT

STANDARD INTERIOR EQUIPMENT SEDANS AND COUPES

ROOF AND PILLARS	Bel Air	Impala	Caprice Classic
Headlining Vinyl Coated, "Premier" Perforated	X	X	Exc. 67
Rear View Mirror, 12" Prismatic-Textured Black Vinyl Clad	X	X	X
Rear View Mirror Support, Bonded to W/S, Black Painted	X	X	X
Windlace-Woven Fabric	X	69	69
Windlace-Coated Fabric		Exc. 69	Exc. 69
Sunshade, Thin Padded, Non-Hook	X	X	Exc. 67
Sunshade, Thin Padded, Center Hook Type			67
Roof Side Rail Garnish Moldings-Painted Metal	X	X	X
Rear Window Moldings-Painted Metal		Exc. 69	39,47
Rear Window Upper and Side Moldings-Plastic †	X	69	69
Windshield Garnish Moldings-Painted Metal	X	X	X
Center Pillar Lower Finish Panel, Molded Plastic	X	39, 69	39, 69
Center Pillar Upper Molding-Molded Plastic	X	69	69
Center Pillar Cover Molding-Plastic		39	39
Coat Hooks, Plastic-Trim Color	X	X	Exc. 67
Center Dome Light	X	X	Exc. 67
Front Door Jamb Switch, Key Reminder and Dome Lamp, L.H. Pillar	X	X	X
Front Door Jamb Switch for Dome Lamp R.H. Pillar	X	X	X
Rear Door Jamb Switches			39, 69

† Lower molding painted metal
X Carryover

INTERIOR EQUIPMENT

STANDARD INTERIOR EQUIPMENT SEDANS AND COUPES

SEATS AND FLOOR COVERING	Bel Air	Impala	Caprice Classic
Front Seat Cushion and Backrest, Full Molded Foam	X	X	X
Rear Seat Cushion and Backrest, Full Molded Foam	X	X	X
Package Shelf Embossed Board	X	Exc. 47	Exc. 47,67
Package Shelf Woven Fiber Board		47	47
Folding Front Seat Back Locks-Bright		47, 57	47, 67
Front Seat Center Armrest			39, 69
Carpet, Floor Covering - Cut Pile	X	X	X
Luggage Compartment Light	O	X	X
Luggage Compartment Spatter Paint	X	X	X
Luggage Compartment Mat-Vinyl Coated Foam Rubber		X	X
Front Seat End Trim Panels-Bright			Exc. 67
Black Rear Seat Lap Belts (3 Sets) Locking Outer Retractors	X	X	X
Three Point Front Seat Outboard Belt System (Lap & Shoulder) Locking Lap Belt Retractors, Inertail Reel Type Shoulder Belt Retractors, Black, Ignition Interlock	X	X	X †
Front Seat Center Lap Belt, Black	X	X	X
Front Seat Head Restraints	X	X	X
DOOR AND QUARTER PANEL (F)			
Plastic Molded Front Door Lower Trim Panel, w/Armrest	X	X	X
Plastic Molded Door Upper Trim Panel	X		
Plastic Molded Rear Door Lower Trim Panel, w/Armrest with Ash Tray	X	39, 69	39, 69
Plastic Molded Door, Soft Trim Upper Panel		X	X
Pull Type Door Handle Remote Control	X	X	X
Quarter and Door Bead Trim Moldings		X	X
Rear Sail Molded Trim - Expanded Soft Vinyl *		47	47
Rear Quarter Panel Built-in Armrest and Ash Tray		47, 57	47, 67
Window Control Handle Knobs, Clear Plastic	X	X	X
Door Lock Buttons-Bright	X	X	X
Door Trim Panel Carpet - Cut Pile			Exc. 67
Door Trim Panel Emblem	X	X	67
Burl Elm Wood-Grain Door Panel Inserts, Bright Trim		X	67
Aztec Wood Grain Door Panel Inserts, Bright Trim			Exc. 67
Front and Rear Door Locks 2-Position Free Wheeling	X	X	X
Front Door Pull Strap			Exc. 67

O Optional usage
 † Shoulder belts not provided for 1BN67.
 * To be replaced by hard plastic trim interim 1974.

INTERIOR EQUIPMENT

STANDARD INTERIOR EQUIPMENT SEDANS AND COUPES

INSTRUMENT PANELS AND STEERING WHEELS	Bel Air	Impala	Caprice Classic
Glove Compartment Light	X	X	X
Cigarette Lighter	X	X	X
Clock, Electric	O	O	X
Clock Hole Cover	X	X	
Instrument Panel Cluster, Black Symbol Type Knobs	X	X	X
Convertible Top Switch			67
Instrument Panel Pad—Upper	X	X	X
Instrument Panel Upper Trim Plate with Series Nameplate	X (a)	X (b)	X (c)
Ash Tray — Illuminated	O	O	X
Ash Tray Face Plate—Painted	X	X	X
Windshield Wiper and Washer, Two Speed—Illuminated Control	X	X	X
Upper Ventilation Outlets and Controls—Black	X	X	X
Instrument Panel Courtesy Lights			X
Tum Signal and Shift Lever Knobs—Black	X	X	X
Steering Column Ignition Lock	X	X	X
Steering Wheel, Soft Vinyl Shroud and Rim — Shroud Insert and Chevrolet Nameplate	X	X	X (d)
Color-Keyed Steering Wheel, Shroud, and Column	X	X	X
Instrument Cluster Burl Elm Wood-Grain Trim			X
Dual Horns	O	O	X
Single Horn	X	X	
Audio and Visual Lap Belt Warning System	X	X	X
GLASS (F)			
Windshield, Laminated Safety Plate Glass	X	X	X
Backlight Safety Solid Plate Glass	X	X (e)	X (e)
Side Windows, Safety Solid Plate Glass	X	X (e)	X (e)
Convertible Rear Window, Tempered Glass			67

O Optional usage

- (a) Bright, black paint filled, Bel Air script.
- (b) Bright, combination black paint and burl elm wood-grain, Impala script.
- (c) Bright, aztec wood-grain, padded insert, no name.
- (d) Specific shroud with aztec wood-grain, Classic name.
- (e) New for 1BL47-S7, 1BN47 models.

**STANDARD INTERIOR EQUIPMENT
STATION WAGONS**

	Bel Air	Impala	Caprice Estate
ROOF AND PILLARS			
Headlining Vinyl Coated, "Premier" Perforated	X	X	X
Rear View Mirror, 12" Prismatic-Textured Black Vinyl Clad	X	X	X
Rear View Mirror Support, Bonded to W/S Black Painted	X	X	X
Windlace-Woven Fabric	X	X	X
Sunshade, Thin Padded, Non-Hook	X	X	X
Windshield Garnish Moldings-Painted Metal	X	X	X
Roof Side Rail Garnish Moldings-Metal	X	X	X
Quarter Window Garnish Moldings-Painted Metal	X	X	X
Center and Rear Door Pillar Upper and Lower Finish Panels, Molded Plastic	X	X	X
Coat Hooks, Plastic-Trim Color	X	X	X
Center Dome Light-Plastic Lens	X	X	X
Front Door Jamb Switch, Key Reminder and Dome Lamp, L.H. Pillar	X	X	X
Front Door Jamb Switch for Dome Lamp, R.H. Pillar	X	X	X
Rear Door Jamb Switches			X
SEATS AND FLOOR COVERING			
Front Seat Cushion and Backrest, Full Molded Foam	X	X	X
Rear Seat Cushion and Backrest, Full Molded Foam	X	X	X
Third Seat Cushion and Backrest, Full Molded Foam	X	X	X
Carpet-Floor Covering	X	X	X
Load Floor-Vinyl Coated Textured Metal	X	X	X
Storage Compartment Mat-Vinyl Coated Foam Rubber	X	X	X
Front and Rear Seat Lap Belts (3 Sets Each)*	X	X	X
Three Point Front Seat Outboard Belt System (Lap and Shoulder) with Locking Retractors and Ignition Interlock	X	X	X
Locking Retractors for Rear (2nd) Seat Outboard Lap Belts	X	X	X
Front Seat Head Restraints	X	X	X

*Two sets for third seat in 3 seat models.

INTERIOR EQUIPMENT

STANDARD INTERIOR EQUIPMENT STATION WAGONS

	Bel Air	Impala	Caprice Estate
DOOR AND QUARTER PANEL (F)			
Plastic Molded Front Door Lower Trim Panel, w/Armrest	X	X	X
Plastic Molded Door Upper Trim Panel	X		
Plastic Molded Rear Door Lower Trim Panel w/Armrest and Ash Tray	X	X	X
Plastic Molded Door, Soft Trim Upper Panel		X	X
Pull Type Door Handle	X	X	X
Door Bead Trim Moldings		X	X
Window Control Handle Knobs, Clear Plastic	X	X	X
Door Lock Buttons—Bright	X	X	X
Door Trim Panel Emblem	X	X	X
Wood-Grain Door Panel Inserts, Burl Elm, Bright Trim		X	X
Rear Quarter Sidewalls—Molded Plastic	X	X	
Rear Quarter Sidewalls—Vinyl Trimmed			X
Front and Rear Door Locks 2-Position Free Wheeling	X	X	X
INSTRUMENT PANEL AND STEERING WHEELS			
Glove Compartment Light	X	X	X
Cigarette Lighter	X	X	X
Clock, Electric			X
Clock Hole Cover	X	X	
Instrument Panel Cluster—Black Symbol Type Knobs	X	X	X
Tailgate Window Switch	X	X	X
Instrument Panel Pad—Upper	X	X	X
Instrument Panel Upper Trim Plate with Series Nameplate	X (a)	X (b)	X (c)
Ash Tray — Illuminated	O	O	X
Ash Tray Face Plate—Painted	X	X	X
Windshield Wiper and Washer, Two Speed—Illuminated Control	X	X	X
Upper Ventilation Outlets and Controls—Black	X	X	X
Instrument Panel Courtesy Lights			X
Turn Signal and Shift Lever Knobs—Black	X	X	X
Steering Column Ignition Lock	X	X	X
Steering Wheel, Soft Vinyl Shroud and Rim—Shroud Insert and Chevrolet Script	X	X	X (d)
Color-Keyed Steering Wheel, Shroud and Column	X	X	X
Instrument Panel Burl Elm Wood Grain Trim			X
Dual Horns	O	O	X
Single Horn	X	X	
Audio and Visual Lap Belt Warning System	X	X	X
GLASS (F)			
Windshield Laminated Safety Plate Glass	X	X	X
Backlight, Safety Solid Plate Glass	X	X	X
Side Windows, Safety Solid Plate Glass	X	X	X

O Optional Usage

- (a) Bright, black paint filled, Bel Air script.
- (b) Bright, combination black paint and burl elm wood-grain, Impala script.
- (c) Bright, full burl elm wood-grain, Caprice script.
- (d) Burl elm wood-grain shroud insert with Chevrolet script.

EXTRA COST EQUIPMENT

EQUIPMENT	RPO	ACC.
Air conditioning, Four-Season (See page 16 for content)	C60	
Air conditioning, Comforton: automatic temperature control (see page 16)	C61	
Battery, heavy duty	UA1	
Battery warmer		ACC
Belts, seat and shoulder: in addition to or replacing standard belts.		
Deluxe belts: (replacing standard number of belts)		
Coupe and Sedan - 6 seat and 2 shoulder	AK1	
Convertible - 6 seat	A39	
Shoulder belts - 2 rear:		
(Convertible requires one of front shoulder belt accessory).		
For use when Custom Deluxe Belts are ordered		
Body Insulation Package ("Silent Sound Group") Base on 1BN00	BS1	
Brakes, heavy duty	J55	
Carpet, accent, Blue	24F	
Carpet, accent Gold	53F	
Carpet, accent Russet	66F	
Carpet, accent, Red	75F	
Carpet, Load floor, looms (Wagons)	B44	
Cap, locking Gas Filler		ACC
Clock, electric (standard on Caprice Classic and Caprice Estate)	U35	ACC
Compass		ACC
Cover, luggage carrier - wagon		ACC
Deflectors, rain, (4-door sedans & wagons - door "ventshades")		ACC
Dispenser, Tissue underneath		ACC
Dome reading lamp (all except convertible)	C95	
Door edge guards (not available on Caprice Estate)	BX7	ACC
Electric trunk release - except wagon	A90	ACC
Fire extinguisher		ACC
Floor mats color-keyed - 2 front, 2 rear	B37	ACC
Front and rear bumper guards	V30	ACC
Generator: 61-amp Delco-Remy	K76	
Glass, Soft-Ray tinted: all windows (includes W/S radio antenna)	A01	
Glass, windshield - tinted (Fleet only - includes radio antenna)	A02	
Harness, trailer wiring		ACC
Heater, engine block		ACC
Hitch, trailer		ACC
Hitch, trailer, equalizing type		ACC
Highway Emergency Kit - fire extinguisher, tire inflator, fuses		ACC
Horns, Dual - base on 1B000	U05	
Interior car warmer		ACC
Lamp, portable spot		ACC
Lighting, auxiliary:	ZJ9	
Courtesy lights - Std. Caprice Classic and Caprice Estate		
Luggage compartment light - Std. Impala and Caprice Classic Sedans and Coupes		ACC
Ash tray light - Standard Caprice Classic and Caprice Estate		
Underhood light		ACC
Dome reading lamp - Caprice Estate and Caprice Classic except Convertible		
Litter container	D24	
Litter container and tissue dispenser		ACC
Litter container, underneath seat		ACC
Lock, rear door safety		ACC
Luggage compartment trim deluxe (except wagon)	B48	
Mat, front floor full width		ACC
Mat, load floor - wagon		ACC
Mirrors, Fender, for trailering (RH & LH)		ACC
Mirror, rear view L.H. outside remote-control	D33	
Mirror, rear view R.H. outside remote-control	DF3	
Mirror, RH (to match LH remote or standard unit - standard on Station Wagons)		ACC
Molding, adhesive backed vinyl (roll or cut to length)		ACC
Molding, Bright Roof Drip (Bel Air)	B80	
Molding, side - vinyl (2 17 ft. rolls - 5 colors)		
Moldings, body side - vinyl insert (Bel Air and Impala except Impala Custom)	B84	
Molding, Wheel Opening (Bel Air and Impala except Impala Custom)	B96	
Police car equipment (See Page 15 for content)		
Chassis Equipment	B07	
Body Equipment	BY2	

EXTRA COST EQUIPMENT

EQUIPMENT	RPO	ACC.
Radiator, heavy duty	V01	
Radio equipment: Radios, Pushbutton - Includes concealed w/s antenna		
AM Radio	U63	ACC
AM/FM Radio	U69	ACC
AM/FM/Stereophonic Radio	U58	ACC
Citizens Band Radio - Six Channel plus antenna		ACC
Stereo Tape System with AM Radio	UM1	ACC
Stereo Tape System with AM/FM/Stereophonic Radio	UM2	ACC
Mast antenna, RH front fender		ACC
Speaker, rear seat (not available when stereo is ordered)	U80	ACC
Windshield antenna	U76	
Rear window defogger (forced air)	C50	ACC
Roof cover, vinyl (padded vinyl) exc. 1BN67 and Wagons	C09	
Roof cover, vinyl (regular vinyl) - Wagons	C08	
Roof luggage carrier-Wagon	V55	ACC
Seat, infant safety		ACC
Seat, child safety		ACC
Seat, 50-50 front bench (Caprice Classic except Convertible)	AT8	
Shock absorbers, rear:		
Superlift	G66	
Ski Rack-clamp-on type		ACC
Skirt, rear fender, Standard on Caprice Classic	T58	
Speed control: (Cruise-Master)	K30	ACC
Steering wheel, Comfortilt	N33	
Strips - impact - FR. and RR. bumper	VE5	
Suspension, Heavy duty front and rear	F40	
Special suspension and steering equipment	F41	
Taxi-cab equipment (See Page 14 for content)	B02	
Theft Alarm Audio		ACC
Top, convertible: Optional colors	C05	
Two-Tone finish: includes bright metal outline moldings exc. 1BN67	D99	
Visor Vanity Mirror, R.H. visor	D34	ACC
Wheel covers, full: (Not available on Caprice Classic and Caprice Estate)	P01	ACC
Wheel covers, simulated wire	N95	ACC
Wheel covers, simulated mag		ACC
FACTORY-INSTALLED REGULAR PRODUCTION TIRES		
G78 x 15B bias belted ply blackwall - Except Wagon (Base)	QGS	
G78 x 15B bias belted ply white stripe - Except Wagon	QGT	
H78 x 15B bias belted ply blackwall - Except Wagon	QHL	
H78 x 15B bias belted ply white stripe - Except Wagon	QHM	
H78 x 15B Police nylon blackwall - Except Wagon	QHS	
L78 x 15B bias belted blackwall - Wagon (Base)	QLB	
L78 x 15B bias belted ply white stripe - Wagon	QLD	
L78 x 15C bias belted ply blackwall - Wagon	QLN	
L78 x 15C bias belted ply white stripe - Wagon	QLP	
HR78 x 15B steel belted radial ply white stripe - Except Wagon	QEL	
LR78 x 15C steel belted radial ply white stripe - Wagon	QCD	

EXTRA COST EQUIPMENT

<u>POWER TEAMS</u>	RPO	ACC.
Turbo-Fire 350 V-8 (Base on Bel Air and Impala sedans and coupes)	L65	
Turbo-Fire 350 V-8 (Bel Air and Impala sedans and coupes)	LM1	
Turbo-Fire 400 V-8 (Base on all wagons)	LT4	
Turbo-Fire 400 V-8 (Base on 1BN39-47-69)	LF6	
Turbo-Jet 454 V-8	LS4	
Turbo Hydra-matic (all engines)	M40	
Axle, Positraction	G80	
Axle, trailering ratio	YD1	
Axle, performance ratio	G92	
Axle, special performance	G94	
<u>POWER ASSISTS</u>		
Door lock system, power	AU3	
Seat, power: 6-way front bench seat (Not available on Bel Air)	A42	
Seat (LH) - Power: 6-way front bench seat 50-50	AG7	
Tailgate, power - Wagon	C26	
Windows, power (Not available on Bel Air)	A31	
Trunk opener (Sedans and Coupes)		ACC
<u>MODEL OPTION</u>		
● Spirit of America (See page 17 for content)	Z10	

MODEL AVAILABILITY

Bel Air 4-Door Sedan (1BK69)

POWER TRAIN AVAILABILITY

Engine	Transmission	Rear Axle
350 Cu.In. V-8 2-Bbl.	Turbo Hydra-matic	3.08:1
350 Cu.In. V-8 4-Bbl.		

TAXI EQUIPMENT RPO B02 (Used in addition to or in place of standard equipment)

BODY

- Heavy duty front and rear seat cushions
- Heavy duty black rubber full width floor mats, front and rear
- RH rear door inside pull handle
- Door open warning light on instrument panel for all doors
- Roof wiring (four 12 ga. wires routed from above headlining to below instrument panel)

CHASSIS

- Heavy duty body mounts
- Special duty front and rear suspension
- Heavy duty rear axle

POWER TEAM

- Heavier duty engine features
- 42-Amp Delco-tron generator (61 amp with air conditioning or available separately as RPO K76)
- Heavy duty radiator (RPO V01 forced on)
- Temperature controlled 7-blade fan added for models without air conditioning

NOTE: HR78 X 15B Steel belted radial ply tires (RPO QEL) available for taxi models without F41 package.

MODEL AVAILABILITY

Bel Air 4-Door Sedan (1BK69)
 Impala 4-Door Sedan (1BL69) and Sport Coupe (1BL57)
 Bel Air Station Wagons (1BK35-45)
 Impala Station Wagons (1BL35-45)

POWER TRAIN AVAILABILITY

Engine	Transmission	Rear Axle
350 Cu.In. V-8 (base) -2 bbl.*	Turbo Hydra-matic	3.42:1 +
350 Cu.In. V-8 (base Calif.)-4 bbl.*	Turbo Hydra-matic	3.42:1 +
400 Cu.In. V-8 (LF6) - 2 bbl. *	Turbo Hydra-matic	3.42:1 +
400 Cu.In. V-8 (LT4) - 4 bbl.	Turbo Hydra-matic	3.42:1 +
454 Cu.In. V-8 (LS4) - 4 bbl. **	Turbo Hydra-matic	3.42:1 Wgns., 3.08 others

- *Sedans and Coupes only
- +3.08 ratio included when Heavy Duty brakes (RPO J55) are specified for Sedans and Coupes
- **This engine (high speed pursuit package) includes:
 - Rear stabilizer bar (except wagons)
 - Heavy duty front and rear brakes (RPO J55)
 - H78x15 nylon Police high-speed tires (except wagons)
 - More durable upper and lower control arm bushings (standard wagons)
 - Metal manifold heat shield (to protect steering coupling shield)

CHASSIS EQUIPMENT RPO B07 (Used in addition to or in place of standard equipment)

- Heavy duty body mounts
- Special front and rear suspension
- Heavy duty rear axle
- Special firm control power steering
- Radio suppression equipment
- Heavy duty 15x6 wheels added for sedans and coupes (standard on station wagons)
- Special 140 MPH speedometer, 2 mph increments, increased accuracy
- More durable front shock absorber upper grommets (standard on wagons)
- Special prop shaft balancing

POWER TEAM

- Heavy duty engine features
- 42-Amp Delcotron Generator (61 amp included in air conditioning or available separately as RPO K76)
- Heavy duty battery 80 amp-hr (RPO UA1 forced on)
- Heavy duty radiator (RPO V01 forced on)
- Temperature controlled 7-blade fan added for models without air conditioning
- Greater capacity engine oil filter

POLICE BODY EQUIPMENT (RPO BY2) RPO B07 Required

- Heavy duty, low profile, front seat
- Full width, front and rear, black rubber floor mats reinforced in critical wear areas
- Urethane foam between roof inner and outer panels to support roof mounted police equipment up to 25 pounds
- Roof wiring (four 12 ga. wires routed from above headlining to below instrument panel)

NOTE: Steel belted radial ply tires available for Police car models without requiring F41 package.
 HR78 x 15B (RPO QEL) for sedans and coupes, LR78 x 15C (RPO QCD) for station wagons.

COMFORTRON AUTOMATIC TEMPERATURE CONTROL (RPO C61)

Integral air cooling and heater system. Used only with RPO C60 system. Automatically controlled by pre-setting on instrument control panel. Control assembly consists of horizontal lever and vertical temperature wheel. In-car sensor located on instrument panel; ambient sensor located beneath air intake cowl.

FOUR SEASON (RPO C60)

Integral air cooling and heater system. Manually controlled by two horizontal levers on instrument control panel plus 4-speed fan switch. Upper lever (mode selector control) uses vacuum supply and electrical switches to operate mode doors and compressor. Lower lever uses bowden cable to operate temperature door. Six air outlets: 2 center, 2 side, 2 lower.

BASIC COMPONENTS

Control panel, evaporator, blower, condenser, receiver-dehydrator, refrigerant (freon) tank, air intake assembly and duct assembly for both systems. Comfortron also includes sensors, transducer and power servo unit for automatic operation.

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

POWER TRAINS

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

CHEVROLET - "SPIRIT OF AMERICA" RPO Z10AVAILABILITY
Model 1BL57 Sport CoupeEXTERIOR FEATURES:

Two Exterior Paints, White, Code II and Blue, Code 29.
Body Side Paint Stripes in two combinations (Impala type body side moldings is deleted).
Roof Sail Panel Emblem.
Chrome Plated Impala Grille, including headlamp area (RPO V22).
Front Wheel Opening Molding, Impala Type (RPO B96).
Rear Fender Skirts (RPO T58).
Dual Outside Sport Mirrors - Body Color (RPO D35).
Outside Door Handle Tapes - Body Color (RPO D92).
Special White Vinyl Top with Halo Molding (RPO CB6) Molding is Combination
Bright and Vinyl Top Color.
Bumper Impact Stripes, Front and Rear (RPO VE5).
Rally Wheel, Wheel will be painted White with Dual Red and Blue Paint Stripes.

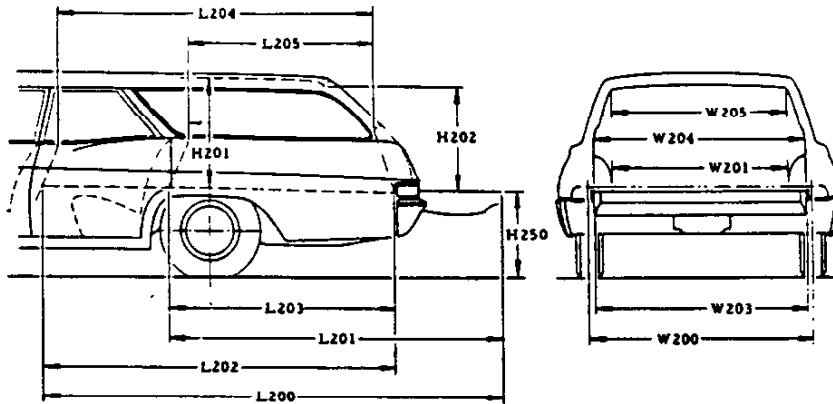
INTERIOR FEATURES:

Special White Vinyl Interior with Dark Blue or Dark Oxblood Accents.
Door Trim and Quarter Trim, Upper Panel New Insert Lower with Carpet, same
color as floor carpet.
Deluxe Seat Belts - Dark Blue or Dark Oxblood (RPO AK1).
Acoustical Insulation Package (RPO BS1).
"Spirit of America" - Ribbon Emblem, on Steering Wheel and Door Trim Panels.
Instrument Panel and Pad - Blue or Oxblood.
Instrument Cluster and Carrier, Shroud, Ash Tray Face, Steering Column Cover,
Radio Hole Cover, Air Cond. Lower Outlet, Vent Lever Hole Cover W/Air Cond.
Blue or Oxblood.
Instrument Panel RH Trim Plate - Blue or Oxblood.
Cowl Side Kick Panels - Blue or Oxblood.
Floor Carpet - Blue or Oxblood.
Rear Package Shelf - Blue or Oxblood.
Steering Wheel and Column - Blue or Oxblood.
Steering Wheel Shroud with Special Emblem - Blue or Oxblood.

DIMENSIONS AND WEIGHTS

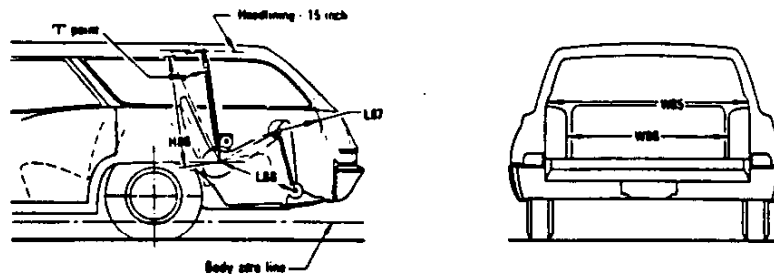
INTERIOR DIMENSIONS	2
LUGGAGE CAPACITY	2
STATION WAGON CARGO SPACE	3
EXTERIOR DIMENSIONS	4 & 5
VEHICLE WEIGHTS	6 & 7

INTERIOR DIMENSIONS



STATION WAGON CARGO SPACE

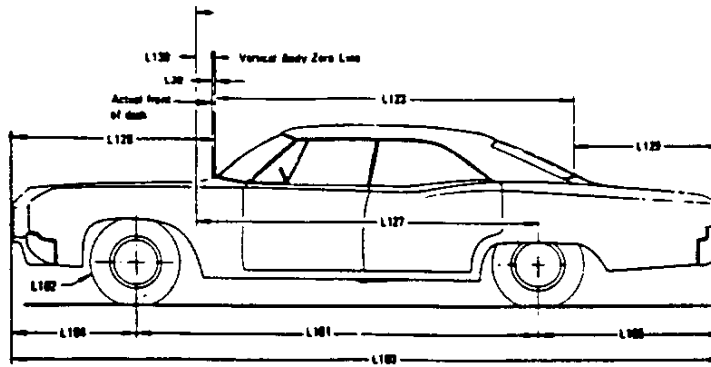
CODE	DESCRIPTION	2-Seat	3-Seat
H201	Maximum cargo height		30.6
H202	Rear opening height		29.5
H250	Tailgate to ground height	23.7	22.3
W200	Cargo width-front		63.4
W201	Cargo width-wheelhouse		48.8
W203	Rear opening width at floor		48.8
W204	Rear opening width at belt		42.0
W205	Rear opening width above belt		42.0
L200	Maximum cargo length-front seat		100.0
L201	Maximum cargo length-second seat	58.3	65.1
L202	Cargo length at floor-front seat		100.5
L203	Cargo length at floor-second seat	58.9	65.7
L204	Cargo length at belt-front seat		94.6
L205	Cargo length at belt-second seat	55.6	57.6
V2	Total cargo index volume (cu.ft.)		106.4



STATION WAGON THIRD SEAT

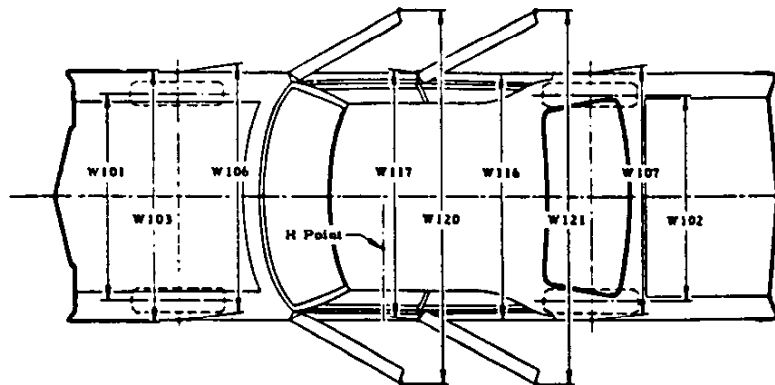
W85	Shoulder room	48.8
W86	Hip room	48.2
H86	Effective headroom	37.8
L86	Effective leg room	35.6
L87	Knee room	7.7

EXTERIOR DIMENSIONS



LENGTHS

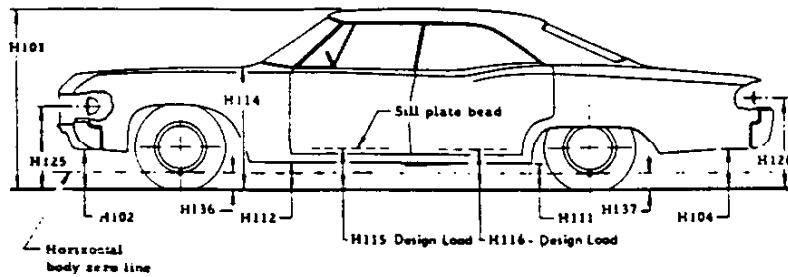
CODE	DESCRIPTION	SEDANS		COUPES		CONVERTIBLE	STATION WAGONS	
		Std.	Sport	Sport	Custom		2-Seat	3-Seat
L101	Wheelbase			121.5			125.0	
L102	Tire size (standard)			G78-15			L78-15	
L103	Overall length			222.7 (with f/strips 223.3)			228.4 (w-f/strips 229.0)	
L104	Overhang, front			42.3 (with f/strips 42.6)				
L105	Overhang, rear			58.9 (with f/strips 59.2)			61.1 (w-f/strips 61.4)	
-	Overall length - less bumpers			213.7			220.7	
L123	Body upper structure length at car center line	111.3	116.6	110.9	96.2	108.5	147.8	
L127	Body O line to C/L of rear wheels			100.5			104.0	
L128	Front end length at center line				60.4			
L129	Rear end length at center line	37.2	31.8	37.5	52.2	39.9	-	
L130	Body zero plane to windshield cowl point				4.5			
L30	Body O line to actual front of dash				-0.5			



WIDTHS

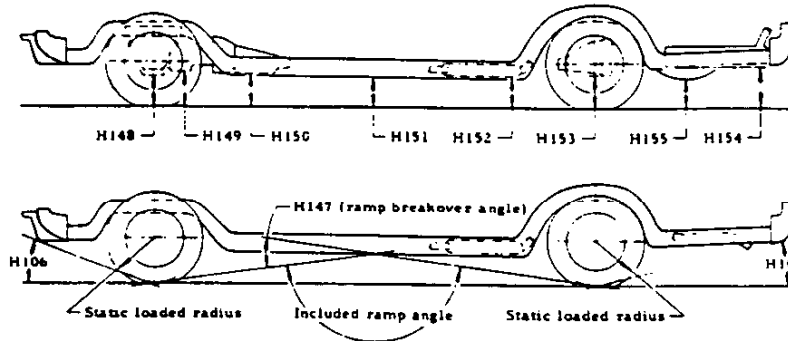
CODE	DESCRIPTION	SEDANS	COUPES	CONVERTIBLE	STATION WAGONS
W101	Tread - front				64.1
W102	Tread - rear				64.0
W103	Maximum overall width of car				79.5
W106	Front fender overall width				78.8
W107	Rear fender overall width			79.0	79.8
W116	Maximum overall width of body				79.5
W117	Maximum body width at number 2 pillar	79.5			79.5
W120	Overall car width, front doors open	145.5		166.8	145.5
W121	Overall car width, rear doors open	142.4		-	148.4

EXTERIOR DIMENSIONS



HEIGHTS

CODE	DESCRIPTION	SEDANS		COUPES		CONVERT- IBLE	STATION WAGONS	
		Std.	Sport	Sport	Custom		2-Seat	3-Seat
H101	Overall height (design)	54.5	53.9	53.7			58.1	57.4
H102	Front bumper to ground			12.3			12.2	12.6
H104	Rear bumper to ground			11.6			12.6	11.3
H111	Rocker panel to ground - rear			7.5			8.8	8.0
H112	Rocker panel to ground - front			8.4			8.9	8.7
H114	Hood at rear to ground			38.6			39.1	39.9
H115	Step height - front (design)			12.7			13.5	13.1
H116	Step height - rear (design)			12.3			13.4	12.8
H125	Headlamp to ground			26.4			26.4	26.7
H126	Tail lamp to ground			24.5			28.2	26.9
H136	Body O line to ground - front			6.1			6.4	6.5
H137	Body O line to ground - rear			5.5			6.9	6.1



CLEARANCES

H106	Angle of approach (degrees)	20°7'		19°44'	20°11'
H107	Angle of departure (degrees)	14°1'		13°47'	13°15'
H147	Ramp breakover angle (degrees)	14°44'		13°45'	16°30'
H148	Front suspension to ground	6.8		7.1	
H149	Oil pan to ground	6.0		6.4	
H150	Flywheel housing to ground	6.2		6.6	6.5
H151	Frame to ground	6.6		7.4	7.0
H152	Exhaust system to ground	5.7		6.2	5.4
H153	Rear axle to ground	7.3		8.7	7.8
H154	Fuel tank to ground	7.1		10.4	9.3
H155	Tire well to ground	-		8.3	7.2
H156	Minimum ground clearance	5.7 (a)		6.2 (a)	5.4 (a)

(a) Exhaust system to ground.

VEHICLE WEIGHTS

MODEL TYPE

MODEL DESIGNATION	BASE ENGINE	VEHICLE TYPE	SHIPPING WEIGHT			CURB WEIGHT		
			Front	Rear	Total	Front	Rear	Total
1BK69	350 Cu.In. V8 (L65)	4-Door Sedan	2307	1841	4148	2278	2003	4281
1BK35	400 Cu.In. V8 (LT4)	4-Door Station Wgn., 2-Seat	2342	2487	4829	2316	2628	4944
1BK45	400 Cu.In. V8 (LT4)	4-Door Station Wgn., 3-Seat	2330	2554	4884	2304	2695	4999
1BL69	350 Cu.In. V8 (L65)	4-Door Sedan	2352	1853	4205	2323	2015	4338
1BL39	350 Cu.In. V8 (L65)	4-Door Sport Sedan	2380	1876	4256	2351	2038	4389
1BL47	350 Cu.In. V8 (L65)	2-Door Custom Coupe	2361	1808	4169	2332	1970	4302
1BL57	350 Cu.In. V8 (L65)	2-Door Sport Coupe	2345	1822	4167	2316	1984	4300
1BL35	400 Cu.In. V8 (LT4)	4-Door Station Wgn., 2-Seat	2372	2519	4891	2346	2660	5006
1BL45	400 Cu.In. V8 (LT4)	4-Door Station Wgn., 3-Seat	2355	2581	4936	2329	2722	5051
1BN69	400 Cu.In. V8 (LF6)	4-Door Sedan	2404	1890	4294	2375	2052	4427
1BN39	400 Cu.In. V8 (LF6)	4-Door Sport Sedan	2431	1913	4344	2402	2075	4477
1BN47	400 Cu.In. V8 (LF6)	2-Door Custom Coupe	2407	1838	4245	2378	2000	4378
1BN67	400 Cu.In. V8 (LF6)	2-Door Convertible	2427	1881	4308	2398	2043	4441
1BN35	400 Cu.In. V8 (LT4)	4-Door Station Wgn., 2-Seat	2408	2552	4960	2382	2693	5075
1BN45	400 Cu.In. V8 (LT4)	4-Door Station Wgn., 3-Seat	2389	2615	5004	2363	2756	5119

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.

OPTIONAL EQUIPMENT

RPO	OPTION		WITH	WEIGHT	
C60	Air Conditioning 4-Season		Used with V8 L65/LF6/LT4	+ 91	
			Used with V8 LS4	+ 98	
C61	Air Conditioning Comfortron		Used with V8 L65/LF6/LT4	+ 96	
			Used with V8 LS4	+103	
AU3	Electric Door Locks		2-Door Models	+ 7	
			4-Door Models	+ 12	
A31	Power Windows		2-Door Models 1BL57, 1BN67	+ 22	
			2-Door Models 1BL, 1BN47	+ 11	
			4-Door Models 1BL, 1BN35, 39, 45, 69	+ 19	
A42	Power Seat		All exc. 1BK69	+ 20	
AT8	Front Seat 50/50 Bench		Models 1BN39-69	+ 32	
			Model 1BN47	+ 29	
B37	Front and Rear Floor Mats			+ 11	
C09	Vinyl Roof Cover (Padded Vinyl)		All except Station Wagons	+ 7	
C08	Vinyl Roof Cover (Regular Vinyl)		Station Wagons	+ 9	
N95	Wire Wheel Trim Covers		1BK-1BL00 Models	+ 22	
			1BN00 Models	+ 20	
UA1	Heavy Duty Battery			+ 2	
U63	Radio AM Pushbutton			+ 6	
U69	Radio AM/FM Pushbutton			+ 8	
U58	Radio AM/FM Stereo			+ 15	
UM1	Radio AM Pushbutton and Tape			+ 20	
UM2	Radio AM/FM Pushbutton and Tape			+ 21	
VE5	Bumper Impact Strip, PVC front and rear		All exc. Station Wagons	+ 12	
			Station Wagons	+ 15	
V30	Bumper Guards Front and Rear		All except Station Wagons	+ 12	
			Station Wagons	+ 10	
V55	Roof Luggage Carrier		Station Wagons	+ 15	
LT4	400 Cu. In. V8 Engine		1BK69-1BL39-47-57-69	Turbo Hydra-matic	+ 18
			1BN39-47-67-69		+ 4
LF6	400 Cu. In. V8 Engine		1BK69-1BL39-47-57-69	Turbo Hydra-matic	+ 14
			1BK69, 1BL39-47-57-69		+244
LS4	454 Cu. In. V8 Engine		1BN39-47-67-69	Turbo Hydra-matic	+232
			1BK-1BL-1BN35, 45		+226

BODY

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

EXTERIOR PAINT PROCESS

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

EXTERIOR-INTERIOR COLORS

EXTERIOR COLOR - VINYL ROOF COMBINATIONS

BODY LOWER		OPTIONAL VINYL ROOF COLOR									
EXTERIOR COLOR	Color Code	Black	White	Med. Blue	Med. Green	Cream-Beige	Silver Taupe*	Red Met.	Brown	Russet *	Med. Saddle*
White C/O	11	X	X	X	X			X	X	X	X
Black C/O	19	X	X			X	X	X			X
Medium Blue Met. C/O	24	X	X	X							
Bright Blue Met. C/O	26	X	X	X							
Dark Blue Met. C/O	29	X	X	X							
Bright Aqua Met.	36	X	X								
Medium Green	44	X	X		X						
Bright Green Met.	46	X	X		X						
Dark Green Met.	49	X	X		X						X
Cream-Beige	50	X	X			X			X		X
Colonial Gold	55	X	X			X					
Golden Brown Met.	59	X	X			X			X		X
Silver Taupe Met. C/O	64	X	X				X	X	X		
Russet Orange Met.	66	X	X							X	X
Dark Taupe Met.	69	X	X			X	X		X		X
Red Metallic	74	X	X					X			

* Not available on Impala Custom Coupe 1BL47 or Caprice Coupe 1BN47.

EXTERIOR-INTERIOR COLORS

1974 CHEVROLET "B" INTERIOR-EXTERIOR COLOR COMBINATIONS

MODEL	Seat Type	INTERIOR TRIM											
		Black											
		Vinyl	Vinyl	Black & White Sport Cloth	Black & White Sport Cloth	Black & White Sport Cloth	Black & White Sport Cloth	Perf. Vinyl	Perf. Vinyl	Perf. Vinyl	Perf. Vinyl	Perf. Vinyl	
Carpet* Color	19F	75F	19F	75F	24F	53F	19F	75F	24F	53F	66F		
Bel Air - 1BK00 Sedan (69)	Bench												
Station Wagon (35-45)													
Impala - 1BL00 Sedan (69)		802	802	802	802	806	806	806	806	806	806		
Sport Sedan (39)		802	802	802	802	806	806	806	806	806	806		
Custom Coupe (47)		802	802	802	802	806	806	806	806	806	806		
Sport Coupe (57)		802	802	802	802	806	806	806	806	806	806		
Station Wagon (35-45)							806	806	806	806	806		
Caprice Classic - 1BN00 Sedan (69)	Bench	808	808										
Sedan (69)	50-50	808	808										
Sport Sedan (39)	Bench	808	808										
Sport Sedan (39)	50-50	808	808										
Sport Coupe (47)	Bench	808	808										
Sport Coupe (47)	50-50	808	808										
Convertible (67)	Bench							806	806	806	806	806	
Caprice Estate - 1BN00 Station Wagon (35-45)	Bench							806	806	806	806	806	
EXTERIOR COLOR		Color Code											
White C/O	11	X	X	X	X	X	X	X	X	X	X	X	
Black C/O	19	X	X	X	X	X	X	X	X	X	X	X	
Medium Blue Met. C/O	24	X	-	X	-	X	-	X	-	X	-	-	
Bright Blue Met. C/O	26	X	-	X	-	X	-	X	-	X	-	-	
Dark Blue Met. C/O	29	X	-	X	-	X	-	X	-	X	-	-	
Bright Aqua Met.	36	X	-	X	-	-	-	X	-	-	-	-	
Medium Green	44	X	-	X	-	-	-	X	-	-	-	-	
Bright Green Met.	46	X	-	X	-	-	-	X	-	-	-	-	
Dark Green Met.	49	X	-	X	-	-	-	X	-	-	-	-	
Cream-Beige	50	X	-	X	-	-	-	X	-	-	X	-	
Colonial Gold	55	X	-	X	-	-	-	X	-	-	-	-	
Golden Brown Met.	59	X	-	X	-	-	-	X	-	-	-	-	
Silver Taupe Met. C/O	64	X	X	X	X	X	-	X	X	X	-	-	
Russet Orange Met.	66	X	-	X	-	-	-	X	-	-	-	X	
Dark Taupe Met.	69	X	-	X	-	-	-	X	-	-	-	-	
Red Metallic	74	X	X	X	X	-	-	X	X	-	-	-	
TWO TONE		Color Code											
Lower	Upper												
Medium Blue Met.	White	24-11	X	-	X	-	X	-	X	-	X	-	-
Dark Blue Met.	White	29-11	X	-	X	-	X	-	X	-	X	-	-
Bright Aqua Met.	White	36-11	X	-	X	-	-	-	X	-	-	-	
Medium Green	White	44-11	X	-	X	-	-	-	X	-	-	-	
Dark Green Met.	White	49-11	X	-	X	-	-	-	X	-	-	-	
Colonial Gold	White	55-11	X	-	X	-	-	-	X	-	-	-	
Russet Orange Met.	White	66-11	X	-	X	-	-	-	X	-	-	X	
Red Metallic	White	74-11	X	X	X	X	-	-	X	X	-	-	

*-Carpet selection. Obtained by specifying trim number plus Carpet RPO number: 19F - Black, 24F - Accent Blue, 75F - Accent Red, 53F - Accent Gold, 66F - Accent Russet.

NOTE: Solid exterior color combinations (except vinyl top or convertible top) may be obtained with non-recommended interior combinations when ZP2 override is specified.

EXTERIOR-INTERIOR COLORS

1974 CHEVROLET "B" INTERIOR-EXTERIOR COLOR COMBINATIONS

MODEL	Seat Type	INTERIOR TRIM										
		Black							Medium Saddle	Dk. Oxblood	Med. Taupe	
		Knit Cloth	Knit Cloth	Cloth	Cloth	Cloth	Cloth	Cloth	Perf. Vinyl	Saddle & Black Sport Cloth	Knit Cloth	Knit Cloth
Carpet * Color	19F	75F	19F	75F	24F	53F	66F	65F	65F	73F	69F	
Bel Air - 1BK00 Sedan (69)				803	803	803	803	803				
Station Wagon (35-45)												
Impala - 1BL00 Sedan (69)	Bench			805	805	805	805	805	849			
Sport Sedan (39)				805	805	805	805	805	849			
Custom Coupe (47)				805	805	805	805	805	849	858		
Sport Coupe (57)				805	805	805	805	805	849	858		
Station Wagon (35-45)									849			
Caprice Classic - 1BN00 Sedan (69)	Bench	840	840								857	896
Sedan (69)	50-50	840	840								857	896
Sport Sedan (39)	Bench	840	840								857	896
Sport Sedan (39)	50-50	840	840								857	896
Sport Coupe (47)	Bench	840	840								857	896
Sport Coupe (47)	50-50	840	840								857	896
Convertible (67)	Bench											
Caprice Estate - 1BN00 Station Wagon (35-45)	Bench								849			
EXTERIOR COLOR	Color Code											
White C/O	11	X	X	X	X	X	X	X	X	X	X	X
Black C/O	19	X	X	X	X	X	X	X	X	X	X	X
Medium Blue Met. C/O	24	X	-	X	-	X	-	-	-	-	-	-
Bright Blue Met. C/O	26	X	-	X	-	X	-	-	-	-	-	-
Dark Blue Met. C/O	29	X	-	X	-	X	-	-	-	-	-	-
Bright Aqua Met.	36	X	-	X	-	-	-	-	-	-	-	-
Medium Green	44	X	-	X	-	-	-	-	-	-	-	-
Bright Green Met.	46	X	-	X	-	-	-	-	-	-	-	-
Dark Green Met.	49	X	-	X	-	-	-	-	X	-	-	-
Cream-Beige	50	X	-	X	-	-	X	-	X	X	X	X
Colonial Gold	55	X	-	X	-	-	-	-	-	-	-	-
Golden Brown Met.	59	X	-	X	-	-	-	-	X	-	-	-
Silver Taupe Met. C/O	64	X	X	X	X	X	-	-	X	X	X	X
Russet Orange Met.	66	X	-	X	-	-	-	-	X	-	-	-
Dark Taupe Met.	69	X	-	X	-	-	-	-	X	-	-	X
Red Metallic	74	X	X	X	X	-	-	-	X	X	X	-
TWO TONE	Color											
Lower	Upper	Code										
Medium Blue Met.	White	24-11	X	-	X	-	X	-	-	-	-	-
Dark Blue Met.	White	29-11	X	-	X	-	X	-	-	-	-	-
Bright Aqua Met.	White	36-11	X	-	X	-	-	-	-	-	-	-
Medium Green	White	44-11	X	-	X	-	-	-	-	-	-	-
Dark Green Met.	White	49-11	X	-	X	-	-	-	X	-	-	-
Colonial Gold	White	55-11	X	-	X	-	-	-	-	-	-	-
Russet Orange Met.	White	66-11	X	-	X	-	-	-	X	X	-	-
Red Metallic	White	74-11	X	X	X	X	-	-	X	X	X	-

* - Carpet selection. Obtained by specifying trim combination number plus carpet RPO number: 19F - Black, 24F - Accent Blue, 53F - Accent Gold, 65F - Dark Saddle, 66F - Accent Russet, 73F - Dark Oxblood, 75F - Accent Red, 69F - Dark Taupe.

NOTE: Solid exterior color combinations (except vinyl top or convertible top) may be obtained with non-recommended interior combinations when ZP2 override is specified.

EXTERIOR-INTERIOR COLORS

1974 CHEVROLET "B" INTERIOR-EXTERIOR COLOR COMBINATIONS

MODEL	Seat Type	INTERIOR TRIM										
		Light Neutral				Medium Green				Midnight Blue		
		Cloth	Vinyl	Knit Vinyl	Perf. Vinyl	Knit Cloth	Knit Vinyl	Cloth	Perf. Vinyl	Cloth	Perf. Vinyl	Knit Cloth
	Carpet * Color	60F	60F	60F	60F	44F	44F	44F	44F	29F	29F	29F
Bel Air - 1BK00 Sedan (69) Station Wagon (35-45)	Bench	815		817			851	852				
Impala - 1BL00 Sedan (69) Sport Sedan (39) Custom Coupe (47) Sport Coupe (57) Station Wagon (35-45)	Bench	821			819			853	855	847	813	
Caprice Classic - 1BN00 Sedan (69) Sedan (69) Sport Sedan (39) Sport Sedan (39) Sport Coupe (47) Sport Coupe (47) Convertible (67)	Bench 50-50 Bench 50-50 Bench 50-50 Bench		841			850						843
Caprice Estate - 1BN00 Station Wagon (35-45)	Bench				819				855		813	
EXTERIOR COLOR	Color Code											
White C/O	11		X				X				X	
Black C/O	19		X				X				X	
Medium Blue Met. C/O	24		-				-				X	
Bright Blue Met. C/O	26		-				-				X	
Dark Blue Met. C/O	29		X				-				X	
Bright Aqua Met.	36						-				-	
Medium Green	44		X				X				-	
Bright Green Met.	46		X				X				-	
Dark Green Met.	49		X				X				-	
Cream Beige	50		X				X				-	
Colonial Gold	55		X				-				-	
Golden Brown Met.	59		X				-				-	
Silver Taupe Met. C/O	64		X				-				-	
Russet Orange Met.	66		X				-				-	
Dark Taupe Met.	69		X				-				-	
Red Metallic	74		X				-				-	
TWO TONE	Color Code											
Lower Upper												
Medium Blue Met. White	24-11		-				-				X	
Dark Blue Met. White	29-11		X				-				X	
Bright Aqua Met. White	36-11						-				-	
Medium Green White	44-11		X				X				-	
Dark Green Met. White	49-11		X				X				-	
Colonial Gold White	55-11		X				-				-	
Russet Orange Met. White	66-11		X				-				-	
Red Metallic White	74-11		-				-				-	

*-Carpet selection. Obtained by Specifying trim combination number plus carpet RPO number: 29F - Midnight Blue 44F - Dark Green, 60F - Midnight Neutral.

NOTE: Solid exterior color combinations (except vinyl top or convertible top) may be obtained with non-recommended interior combinations when ZP2 override is specified.

BODY CONSTRUCTION AND GLASS AREA

GENERAL

Type Unisteel, with cowl, roof, underbody and body panels welded to form body shell. Doors, front and rear lids are of double-panel construction and hinge assembled to body. Separate frame and bolt-on front end sheet metal, with protective inner fender skirts. Double panel roof construction with integral front and rear headers and side rails.

DOORS AND LOCKS

Door construction Double steel panels, with side guard beam. Doors hinged at front.
 Door handles Pull-type exterior. Free-wheeling inside door handles on all doors.
 Front door glass Full ventless windows on all models.

HOOD AND TRUNK LID

Type Counterbalanced, with spring loaded toggle action hinges on rear of hood and boxed hinges on trunk lid with torsion rod.
 Hood release Internal; to left of steering column under instrument panel.

VENTILATION

High level air intake for passenger compartment with double wall plenum chamber. Astro Ventilation with instrument panel outlets standard on all.
 Flow through ventilation Air enters cowl plenum thru louvers in the hood and passes into the passenger compartment thru two upper level vents in the instrument panel and a lower vent below the panel. To assure constant flow, the heater blower moves air thru the lower vent whenever the ignition is on and the engine coolant is 95°F or higher. To exit, air passes under the rear seat cushion into the trunk, and rear quarters to baffle type outlets on door lock pillars.

SEAT CONSTRUCTION

Type All seat cushions and backrests . . . Formed polyfoam

SEATS, STATION WAGON (3-seat models)

Second 2/3, 1/3 split to allow access to third seat
 Third Forward facing

WINDSHIELD WIPERS AND WASHERS

Type Concealed dual 2-speed electric with 18" blades
 Linkage Parallel acting with articulated left arm.

HEADLIGHTS Dual, horizontal at outer ends of grille above deep section bumper.

SPARE TIRE AND TOOLS

Location Sedans and Sport Coupes, angled on center of shelf in trunk compartment; Station wagon, vertically in right hand side of cargo compartment rear of wheelhouse behind removable cover. Convertible, right side of trunk compartment rearward of wheelhouse. Tools consist of bumper jack with combination lever handle and wheel nut wrench mounted on diagonal brace in R.H. wheelhouse.

STATION WAGON REAR WINDOW & TAILGATE

Operation Gate moves downward into recess in load floor. Window moves upward into roof cavity.
 Power tailgate window Standard
 Power tailgate Optional
 Stowage compartment Hidden under load floor

BODY GLASS VISIBILITY AREA

	MODELS					
	69	39	57	47	67	35-45
Windshield	1542.7		1511.4		1445.1	1542.7
Front Door Window	773.5	873.4	1149.7	1112.6	1149.2	773.5
Rear Door Window	736.6	684.4	-	-	-	845.9
Rear Quarter Window	-	-	465.9	638.2	382.0	1646.3
Rear Window	1531.3	1763.1	1303.0	1025.2	738.1	882.1
Total Area (Sq. In.)	4584.1	4832.3	4430.0	4287.4	3714.4	5690.5

All window glass curved safety solid plate except curved laminated safety windshield and safety solid plate fixed convertible rear window.

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BRAKES	7
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FRAME AND FRONT SUSPENSION

FRAME

Description All-welded perimeter frames with front and rear crossmember for all models: rear axle upper control arm crossmember for sedans, coupes and convertible; center crossmember for wagons.

Construction All box section front end assemblies. Open channel center rails for sedans and coupes, box section for convertible and wagons. Open channel kickup for wagons, box section for sedans, coupes and convertible. Front crossmember rear braces for all models, front braces for wagons.

Body Mounting

Coupe, Sedan & Convertible 7 each
side of frame - 12 double cushion and 2 single cushion
Station Wagons 6 each
side of frame - 12 double cushions

FRONT SUSPENSION

Description Independent, SLA type with coil springs and concentric shock absorbers and spherical joint steering knuckle pivots for each wheel.

Wheel travel (design)
Total 7.65
Jounce 3.32
Rebound 4.33
Wheel to spring, travel ratio 2.05:1

CONTROL ARMS

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

STEERING KNUCKLES

Description Nodular iron with integral steering arm

Spindle diameters

Inner bearing 1.37455
Outer bearing 0.84325

Spindle thread size 3/4 - 20UNEF-3A (modified)

Wheel bearing

Type Taper roller
Number Two per spindle

SPHERICAL JOINTS

Type Ball studs, upper self-adjusting for wear, lower has a wear indicator

Bearing surfaces

Upper Two bearings; upper surface teflon coated phenolic; lower surface teflon cotton composition
Lower One bearing; steel

SHOCK ABSORBERS

Type Direct, double-acting, hydraulic
Piston diameter 1.00

STABILIZER BAR

Type Link
Material HR steel
Diameter
Exc. Wagons 0.94
Station Wagons 1.125

FRONT WHEEL ALIGNMENT (Curb)

Camber (degrees) Left P1+1; Right P1/2±1
Caster (degrees) P1±1
Toe-in (total) 1/16±1/8
Steering axis inclination (degrees) 9.59 @ 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

FRAME AND FRONT SUSPENSION

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 SPRINGS SPECIFICATIONS

Part Number	Assy. Code	Cut-Off Length	Wire Dia.	Total Coils	Deflection Rate (lbs./inch)	Heights	
						Free	Working (In. @ Lbs.)
344515 (a)	LW	152.33	.703	10.02	365	18.08	11.0 @ 2575
344517 (s)	LY	147.09	.730	9.62	440	17.32	11.0 @ 2770
3988115 (a)	BG	142.94	.693	9.62	365	17.06	11.0 @ 2200
3988116 (a)	BH	146.09	.698	9.82	365	17.26	11.0 @ 2275
3988117 (a)	BJ	147.68	.700	9.92	365	17.47	11.0 @ 2350
3988118 (a)	BK	149.28	.703	10.02	365	17.67	11.0 @ 2425
3988119 (a)	BL	154.01	.710	10.32	365	17.88	11.0 @ 2500
3988134 (b)	BZ	137.62	.719	9.22	440	16.10	11.0 @ 2230
3988135 (c)	JW	137.65	.719	9.22	440	16.30	11.0 @ 2320
3988136 (c)	JA	142.41	.727	9.52	440	16.50	11.0 @ 2410
3988137 (c)	JX	144.01	.730	9.62	440	16.71	11.0 @ 2500
3988138 (c)	JY	145.67	.733	9.72	440	16.91	11.0 @ 2590
3988139 (c)	JZ	148.81	.738	9.92	440	17.12	11.0 @ 2680

- (a)—Coupe, Sedan and Convertible
- (b)—Station Wagons
- (c)—All models

STEERING, DRIVELINE, WHEELS AND TIRES

STEERING

Wheel	
Type	Oval, with center shroud
Diameter	15.25 x 14.75
Optional	Tilt; steering shaft universally jointed at base of steering wheel
Column	Energy absorbing - mast jacket, shift tube and steering shaft designed to collapse under various front impact conditions
Gear - Power (Standard)	
Type	Integral, recirculating ball nut, with hydraulic pressure provided from a vane type pump.
Ratios, Gear	15.0:1 on center to 13.0:1
Ratios, Overall	17.2:1 on center to 15.6:1
Number of turns, lock to lock	3.06
Linkage	Parallelogram, front of wheels 2 tie rods
Turning Diameter (ft.) - Outside Front	
Wall to Wall	
Sedan and Coupes	45.2
Station Wagons	46.2
Curb to Curb	
Sedan and Coupes	41.7
Station Wagons	42.8
Outside wheel angle with inside wheel @ 20°	18.58

DRIVELINE

Type	
Sedans, Coupes and Convertible	Straight tube
Station Wagons	Swaged tube
Number Used	One
Diameter (OD)	
Sedans, Coupes and Convertible	2.75
Remainder	3.25
Length	
Sedans, Coupes and Convertible	56.49
Station Wagon	59.74
Wall Thickness	0.065
Propeller Shaft Damper	
Station Wagon	Internal
Universal Joints	
Type	
Sedans, Coupes and Convertible	
Front	Cross
Rear	Constant velocity
Station Wagon (Front & Rear)	Cross
Number Used	Two
Bearings	Pre-pack, anti-friction

WHEELS

Type	Steel, short spoke disc
Size	15 x 6
Offset	0.34
Attachment to Hub	
Type	5 hex nuts
Thread Size	1/2-20 UNF 2B
Bolt Circle Diameter	5.00

TIRES, STANDARD EQUIPMENT

Size - Sedans, Coupes and Convertible	
G78 x 15B - Bias belted	Base
Static loaded radius	12.7
Loaded rev/mi @ 45 mph	750
Capacity @ 24 psi	1380
Size - Station Wagons	
L78 x 15B - Bias belted	Base
Static loaded radius	13.3
Loaded rev/mi @ 45 mph	715
Capacity @ 24 psi	1680

TIRES, OPTIONAL EQUIPMENT

Size - Sedan, Coupes and Convertible	
H78 x 15B - Bias belted	
(Base when V8-454 engine is ordered)	
Static loaded radius	13.0
Loaded rev/mi @ 45 mph	734
Capacity @ 24 psi	1388
HR78 x 15B - Steel belted radial	
Static loaded radius	12.36
Loaded rev/mi @ 45 mph	745
Capacity @ 24 psi	1510
Size - Station Wagon	
LR78 x 15C - Steel belted radial	
Static loaded radius	12.71
Loaded rev/mi @ 45 mph	719
Capacity @ 24 psi	1660

REAR AXLE AND SUSPENSION

REAR AXLE

Description	Semi-floating axle shafts; housing consists of two welded tubes pressed into crossbore of cast iron differential carrier. Carrier contains an overhung pinion and hypoid gear supported by two taper roller bearings.
Drive pinion to ring gear vertical offset	1.75
Hypoid gear PD (See Power Train Section, page 2, for application)	
2.73, 3.08	8.50
2.73, 3.08, 3.42	8.875
Pinion bearing adjustment	Shim
Lubricant	
Type	Military Spec. MIL-L-2105-B
Viscosity	SAE80
Capacity (pts)	
8.50 Hypoid gear P.D.	4.25
8.875 Hypoid gear P.D.	4.90

AXLE SHAFT

Type	Forged and hardened steel with integral drive flange
Wheel bearings	Single row cylindrical roller, one per wheel
Oil seal	Steel encased, spring loaded synthetic rubber

RING AND PINION GEAR TOOTH COMBINATIONS

8.50 Ring gear diameter (All axle combinations for Sedans, Coupes and Convertible except trailer option)	
2.73	41,15
3.08	40,13
3.42	41,12

RING AND PINION GEAR TOOTH COMBINATIONS

8.875 Ring gear diameter (All Station Wagons, Trailer Options, and 454 CID engines)	
2.73	41,15
3.08	40,13
3.42	41,12

POSITRACTION DIFFERENTIAL (See Power Trains)

Type	Two pinion with multiple disc clutch
------	--------------------------------------

REAR SUSPENSION, REGULAR PRODUCTION

Description	
Sedans & Coupes	Four-link type. Two upper control arms bias mounted and two lower control arms parallel mounted.
Station Wagons	Hotchkiss drive with multiple (6) leaf springs.

Wheel Travel (design)

Total	
Sedans, Coupes and Convertible	9.62
Station Wagons	8.32

Jounce

Sedans, Coupes and Convertible	4.00
Station Wagons	3.10

Rebound

Sedans, Coupes and Convertible	5.62
Station Wagons	5.22

Wheel to spring travel ratio

Sedans, Coupes and Convertible	.98:1
Station Wagons	1.00:1

SHOCK ABSORBERS

Type	Direct double acting, hydraulic
Piston diameter	1.00

REAR AXLE AND SUSPENSION

REAR SPRINGS – SEDANS AND COUPES

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

COIL SPRING SPECIFICATIONS – SEDANS, COUPES & CONVERTIBLES

Part Number	Assy. Code	Cut-Off Length	Wire Dia.	Total Coils	Deflection Rate (lbs./inch)	Heights	
						Free	Working (In. @ Lbs.)
482064	XJ	128.5	.567	7.48	115	18.26	10 @ 950
482065	XK	128.5	.567	7.48	115	18.70	10 @ 1000
482066	XL	132.9	.573	7.71	115	19.13	10 @ 1050
482067	XM	138.3	.580	7.98	115	19.57	10 @ 1100
482068	XN	143.1	.586	8.22	115	20.00	10 @ 1150
482086	YH	117.9	.597	6.91	155	16.45	10 @ 1000
482087	YJ	125.7	.609	7.30	155	16.77	10 @ 1050
482088	YK	125.7	.615	7.30	155	17.10	10 @ 1100
482089	YL	129.7	.615	7.50	155	17.42	10 @ 1150
482090	YM	129.7	.615	7.50	155	17.74	10 @ 1200
482152	ZA	132.5	.619	7.64	155	18.06	10 @ 1250

MULTI-LEAF SPRING SPECIFICATIONS – STATION WAGONS

Part Number	Number of Leaves	Length	Width	Shackle	Mounting Insulation	Assy. Code	Deflection Rate (lbs/in)	Load .58 Spring Camber (lbs)
486260	Six	57.0	2.50	Comp. pression type	Rubber bushed at shackle and hanger	ZP	182	1240
486261						ZR	182	1290
486262						ZS	215	1290
486263						ZT	215	1340
486376						WA	182	1140
486377						WB	182	1190
486378						WC	225	1190
487997						UY	225	1140
487999						UZ	225	1240
488000						ZS	215	1290
490486						TP	182	1340
494897						KT	225	1340
494898						KU	182	1340
494918						KW	225	1090

		Sedans and Coupes	Station Wagons	
General	Type	Power assisted disc front and drum rear		
	System	Dual circuit hydraulic system with warning light and self-adjusting features; metering and proportioning valve (except Station Wagons) provide balance between front and rear brakes.		
Front Brakes	Type	Disc - single piston floating caliper		
	Material	Cast iron - vented		
	Diameter and Width	11.86 x 1.28		
	Lining material	Molded asbestos composition		
	Method of attachment	Riveted		
	Lining Size (length x width x thickness)	Inboard	5.40 x 1.92 x 0.465	
		Outboard	5.40 x 1.92 x 0.465	
	Lining area (sq. in.)	41.47		
	Effective area (sq. in.)	35.22		
	Swept area (sq. in.)	241.8		
Piston diameter	2.94			
Rear Brakes	Type	Finned drum - composite, web cast into rim		
	Material	Web - HR steel; Rim - Cast alloy iron		
	Diameter and width	11.0 x 2.00	12.0 x 2.00	
	Lining material	Molded asbestos composition		
	Method of attachment	Riveted		
	Lining size (length x width x thickness)	Primary	8.95 x 2.0 x 0.25	9.83 x 2.0 x 0.25
		Secondary	11.59 x 2.0 x 0.29	12.77 x 2.0 x 0.32
	Lining area (sq. in.)	81.64	90.48	
	Effective area (sq. in.)	73.96	87.90	
	Swept area (sq. in.)	138.20	150.80	
Piston diameter	0.9375	1.0		
Apply System	Master cylinder diameter	1.125		
	Piston travel	1.41		
	Pedal travel	5.38		
	Pedal ratio	3.00:1		
	Line pressure @ 100 lb. pedal load	773		
Parking Brake	Type	Mechanical; pull rods and cables operate rear service brakes; parking brake "ON" warning light provided.		
	Control	Pendulum foot pedal; released by "T" handle located below instrument panel to left of steering column.		
	Total effective area	73.9	87.90	

POWER TRAINS

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POWER TEAM COMBINATIONS

ENGINE	TRANSMISSION	MODEL APPLICATION	AXLE RATIOS*			RING GEAR
			STAND.	PERF.	TRAILER	
Turbo-Fire 350 350 Cubic Inch V-8 Standard (L65) - Not available in California	Turbo Hydra-matic	Bel Air & Impala Coupes & Sedans	3.08:1			8.50
					3.42:1	8.875
Turbo-Fire 350 350 Cubic Inch V-8 RPO LM1 - California only	Turbo Hydra-matic	Bel Air & Impala Coupes & Sedans	3.08:1			8.50
					3.42:1	8.875
Turbo-Fire 400 400 Cubic Inch V-8 RPO LF6 (a) Not Available in Calif.	Turbo Hydra-matic	Bel Air, Impala Caprice Classic, Coupes & Sedans	2.73:1	3.08:1		8.50
					3.42:1	8.875
Turbo-Fire 400 400 Cubic Inch V-8 RPO LT4 - California only	Turbo Hydra-matic	Bel Air, Impala Caprice Classic Coupes, Sedans & Convertible	2.73:1	3.08:1		8.50
					3.42:1	8.875
Turbo-Fire 400 400 Cubic Inch V-8 RPO LT4 - All States	Turbo Hydra-matic	Bel Air, Impala & Caprice Estate Station Wagons	3.08:1			8.50
					3.42:1	8.875
Turbo-Jet 454 454 Cubic Inch V-8 RPO LS4 - All States	Turbo Hydra-matic	All Models	2.73:1			8.50
					3.42:1	8.875

* - Positraction axles available optionally for all ratios; same ratios available with Air Conditioning.

(a) Base engine for Caprice Classic - optional other models listed.

MULTIPLICATION FACTORS

WITH AUTOMATIC TRANSMISSIONS

ENGINE	TRANSMISSION	SELECTOR POSITION	TOTAL TORQUE MULTIPLICATION*	AXLE RATIO
350 Cu.In. V-8 Std. (L65) & RPO LM1 (Bel Air & Impala Coupe & Sedans)	Turbo Hydra-matic	Drive	15.52:1 - 3.08:1	3.08:1
		Low	15.52:1 - 7.76:1	
		Second	15.52:1 - 4.68:1	
		Reverse	11.89:1 - 5.94:1	
400 Cu.In. V-8 RPO LF6 (a) (All models except Station Wagons)	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	
400 Cu.In. V-8 RPO LT4 (All models except Station Wagons)	Turbo Hydra-matic	Drive	14.22:1 - 2.73:1	2.73:1
		Low	14.22:1 - 6.77:1	
		Second	14.22:1 - 4.04:1	
		Reverse	11.93:1 - 5.68:1	
400 Cu.In. V-8 Standard (LT4) (Station Wagons only)	Turbo Hydra-Matic	Drive	16.04:1 - 3.08:1	3.08:1
		Low	16.04:1 - 7.64:1	
		Second	16.04:1 - 4.56:1	
		Reverse	13.46:1 - 6.40:1	
454 Cu.In. V-8 RPO LS4 (All models)	Turbo Hydra-matic	Drive	14.22:1 - 2.73:1	2.73:1
		Low	14.22:1 - 6.77:1	
		Second	14.22:1 - 4.04:1	
		Reverse	11.93:1 - 5.68:1	

*-Axle ratio x transmission ratio.

(a) Standard with Caprice Classic.

ENGINE DATA AND RATINGS

GENERAL DATA

Engine Type		V-8 OHV					
Piston Displacement (Cu.In.)		350		400		454	
Availability		L65 (Std.)	LM1	LF6*	LT4†	LS4	
Number of Cylinders		Eight					
Bore and Stroke (nominal)		4.00 x 3.48		4.126 x 3.75		4.251 x 4.00	
Compression Ratio		8.5:1		8.25:1		8.25:1	
Taxable (SAE) Horsepower		51.2		54.4		57.8	
Firing Order		1-8-4-3-6-5-7-2					
Idling Speed - Automatic (in Drive)		600					
Compression Press. (PSI) @ Cranking Speed, Engine Hot		150		160			
Power Plant		Two, preloaded captive cushion type					
Mountings		One; full shear type					
Measurements		Fan to rear of engine block		31.55		33.97	
		Top of air cleaner to bottom of oil pan		29.60		29.12	
		Width - including air cleaner		28.53		33.31	

ADVERTISED ENGINE RATING

Engine Designation	Turbo-Fire 350 V-8	Turbo-Fire 350 V-8	Turbo-Fire 400 V-8	Turbo-Fire 400 V-8	Turbo-Jet 454 V-8
Availability	L65 (Std.)	RPO LM1	RPO LF6*	RPO LT4†	RPO LS4
Carburetor	Two Barrel	Four Barrel	Two Barrel	Four Barrel	Four Barrel
Net Brake HP @ RPM	145 @ 3800	160 @ 3800	150 @ 3200	180 @ 3800	235 @ 4000
Net Torque @ RPM (lb-ft)	250 @ 2200	250 @ 2400	295 @ 2000	290 @ 2400	360 @ 2800

* Standard with Caprice Classic

† Standard with Caprice Estate

ENGINE SPEED AND PISTON TRAVEL

TURBO-FIRE 350 V-8 ENGINES (BASE - L65 & RPO LM1)

Model Availability	Bel Air & Impala - Coupes & Sedans	
Transmission	Turbo Hydra-matic	
Rear Axle Ratio	3.08:1	
Tire Size	G78 x 15B	
Crankshaft Revolutions per Mile	2310.0	
Crankshaft RPM @ 1 MPH	Low	97.0
	Second	58.5
	Third	38.5 (direct)
	Reverse	74.3
Piston Travel (ft/mile)	1339.8	

TURBO-FIRE 400 V-8 ENGINE (RPO LF6)

Model Availability	All models except Station Wagons	
Transmission	Turbo Hydra-matic	
Rear Axle Ratio	2.73:1	
Tire Size	G78 x 15B	
Crankshaft Revolutions per Mile	2047.5	
Crankshaft RPM @ 1 MPH	Low	86.0
	Second	51.9
	Third	34.1 (direct)
	Reverse	69.8
Piston Travel (ft/mile)	1259.4	

TURBO-FIRE 400 V-8 ENGINE (RPO LT4)

Model Availability	Coupes, Sedans & Convertible	Station Wagons
Transmission	Turbo Hydra-matic	
Rear Axle Ratio	2.73:1	3.08:1
Tire Size	G78 x 15B	L78 x 15B
Crankshaft Revolutions per Mile	2047.5	2202.2
Crankshaft RPM @ 1 MPH	Low	91.0
	Second	54.3
	Third	36.7
	Reverse	76.3
Piston Travel (ft/mile)	1279.7	1376.4

TURBO-JET 454 V-8 ENGINE

Model Availability	Coupes, Sedans & Convertible	Station Wagons
Transmission	Turbo Hydra-matic	
Rear Axle Ratio	2.73:1	
Tire Size	H78-15B	L78-15B
Crankshaft Revolutions per Mile	2001.1	1951.7
Crankshaft RPM @ 1 MPH	Low	82.7
	Second	49.4
	Third	33.4
	Reverse	69.4
Piston Travel (ft/mile)	1334.1	1301.3

VEHICLE PERFORMANCE FACTORS

ENGINE	350 CU.IN. 145 HP	350 CU.IN. 160 HP	400 CU.IN. 180 HP	400 CU.IN. 150 HP	454 CU.IN. 235 HP
MODEL	1BK69	1BL69	1BL69	1BN69	1BN69

TURBO HYDRA-MATIC

Performance Weight (pounds)	4881	4938	4979	5027	5284
Pounds per Net Horsepower	33.66	30.86	27.66	33.51	22.48
Pounds per Cu.In. Displacement	13.94	14.11	12.45	12.57	11.64
Net HP per Cu.In. Displacement	.414	.457	.450	.375	.518
Power Displacement (cu.ft./mile)	233.94	233.94	236.98	236.98	262.87
Displacement Factor (cu.ft./ton mile)	95.87	94.71	95.17	94.41	99.58

GLOSSARY

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

PRINCIPAL COMPONENTS

CYLINDER BLOCK

Material	Cast alloy iron
Bore diameter	
V8-350 Cu.In.	3.9995-4.0025
V8-400 Cu.In.	4.1245-4.1275
V8-454 Cu.In.	4.2500-4.2520
No. of Bulkheads	
L6	7
V8	5
Water Jacket	Full length around each cylinder
Bearing Caps (Number, material & attachment)	
V8-350 Cu.In.	5, cast iron, 2-bolt
V8-400 Cu.In.	5, cast iron, 2-bolt
V8-454 Cu.In.	5, cast iron, 2-bolt
Bore Spacing (Centerline to Centerline)	
V8-350 & 400 Cu.In.	4.4
V8-454 Cu.In.	4.84

CYLINDER HEAD

Material	High chrome cast alloy iron
Bolt No. & Size	
V8-350 Cu.In.	34; .4375 dia. 14 threads/in.
V8-400 Cu.In.	34; .4375 dia. 14 threads/in.
V8-454 Cu.In.	32; .4375 dia. 14 threads/in.

COMBUSTION CHAMBER VOLUME

(Total chamber volume of assembled engine with piston at top center)	
V8-350 Cu.In.	5.89 Cu.In.
V8-400 Cu.In.	6.78 Cu.In.
V8-454 Cu.In.	8.07 Cu.In.

INLET MANIFOLD

Material	Cast alloy iron
Type	8 port, double deck

EXHAUST MANIFOLD

Material	Cast alloy iron
Type	
V8-350 & 400 Cu.In.	4, port, rear takedown
V8-454 Cu.In.	Dual, 4 port, rear takedown
Outlet Diameter (Nominal)	
V8-350 & 400 Cu.In.	2.0
V8-454 Cu.In.	2.5

CRANKSHAFT

Material	
V8-350 & 400 Cu.In.	Cast nodular iron
V8-454 Cu.In.	Forged steel
End Play	
V8-350 & 400 Cu.In.	.002-.007
V8-454 Cu.In.	.006-.010
Counter Weights	6
Crank Arm Length	
V8-350 Cu.In.	1.74
V8-400 Cu.In.	1.88
V8-454 Cu.In.	2.00
Torsional Damper	Rubber mounted inertia
Timing Gear	Steel; spurcket & 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. 5
Clearance	
V8-350 & 400 Cu.In.	
No. 1	.0008-.0020
No. 2, 3 & 4	.0011-.0023
No. 5	.0017-.0033
V8-454 Cu.In.	
No. 1	.0007-.0019
No. 2, 3 & 4	.0013-.0025
No. 5	.0019-.0035

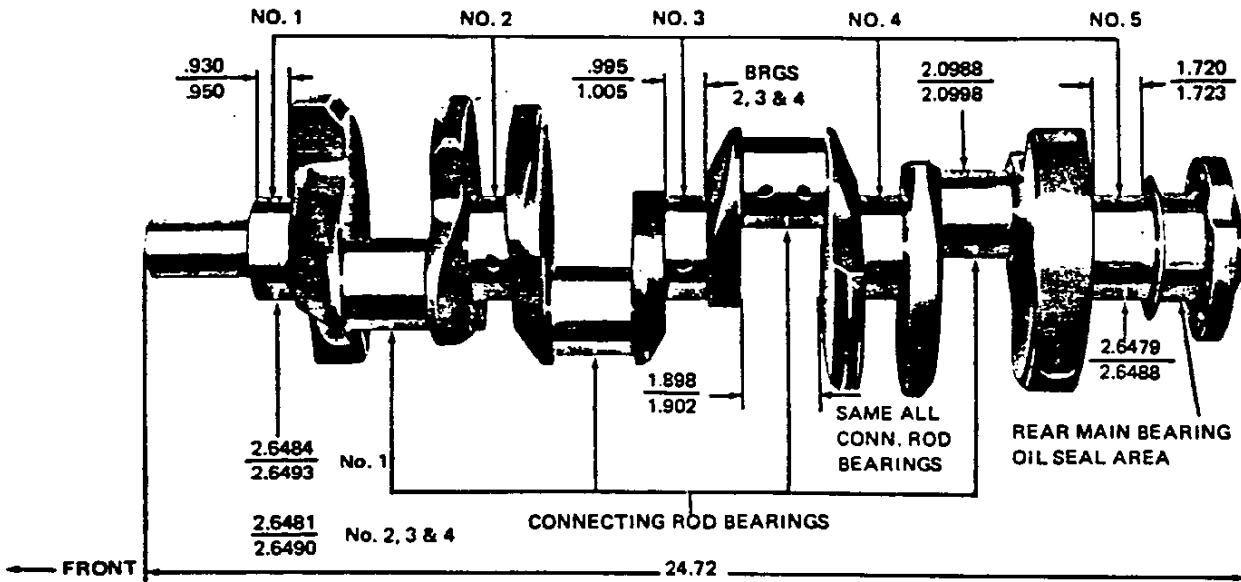
Dimensions	Theoretical	Effective	Projected
	Inner Dia.	Length	Area
V8-350 Cu.In.			
Bearing No. 1-4	2.4502	.752	1.8425
Bearing No. 5	2.4508	1.180	2.8919
V8-400 Cu.In.			
Bearing No. 1-4	2.6503	.752	1.9930
Bearing No. 5	2.6509	1.181	3.1307
V8-454 Cu.In.			
Bearing No. 1	2.7499	.992	2.7279
Bearing No. 2-4	2.7504	.992	2.7284
Bearing No. 5	2.7505	1.256	3.4535

PRINCIPAL COMPONENTS

CRANKSHAFTS AND BEARINGS

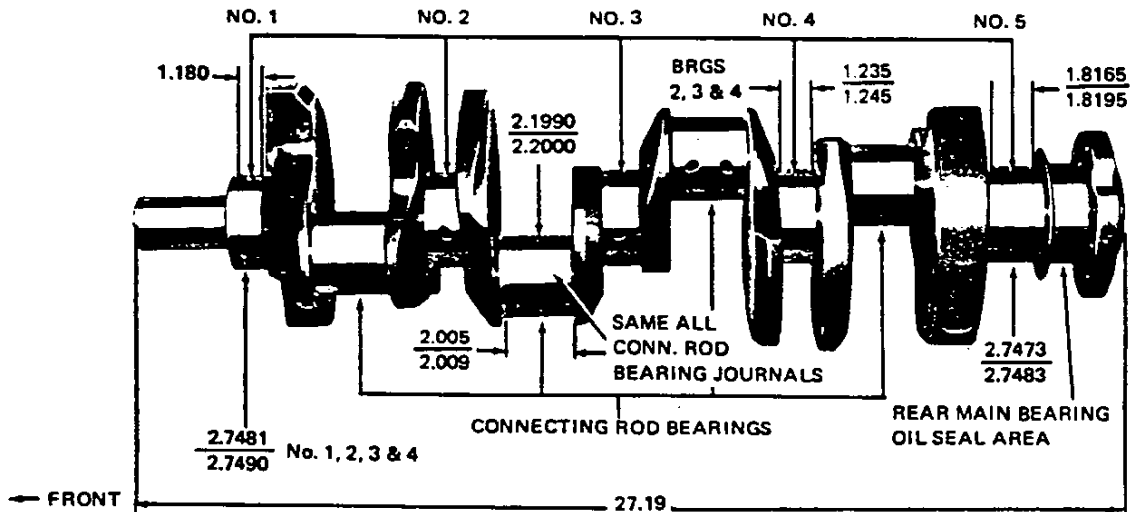
400 CUBIC INCH V-8 ENGINES

MAIN BEARING JOURNALS



454 CUBIC INCH V-8 ENGINES

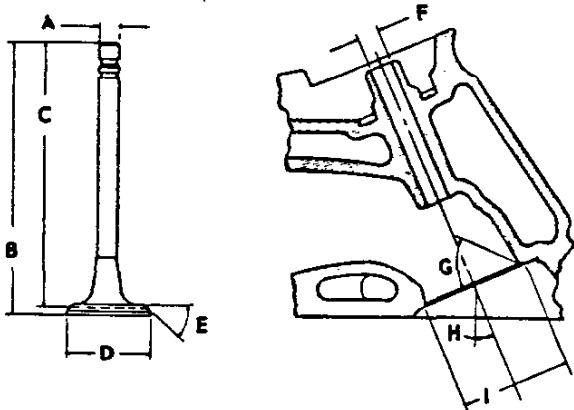
MAIN BEARING JOURNALS



PRINCIPAL COMPONENTS

VALVES - INLET

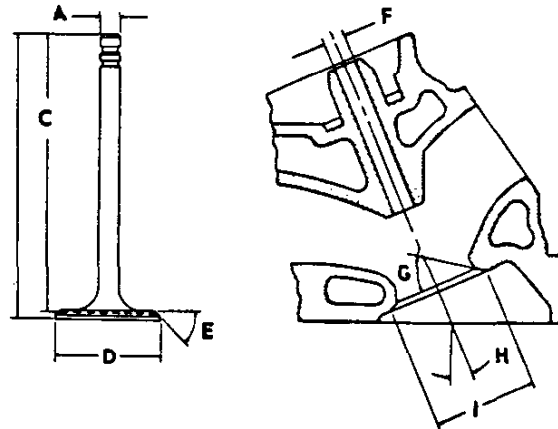
Material	Alloy steel
Coating	
V8-350 Cu.In.	None
V8-400 Cu.In.	Aluminized face
V8-454 Cu.In.	Face & head aluminized
Valve Guide Inserts (V8-454)	Cast alloy iron



A - Stem Diameter	
V8-350 & 400 Cu.In.	.3410-.3417
V8-454 Cu.In.	.3715-.3722
B - Overall Length	
V8-350 & 400 Cu.In.	4.870-4.889
V8-454 Cu.In.	5.215-5.235
C - Gage Length	
V8-350 & 400 Cu.In.	4.785-4.795
V8-454 Cu.In.	5.115-5.125
D - Overall Head Diameter	
V8-350 & 400 Cu.In.	1.935-1.945
V8-454 Cu.In.	2.060-2.070
E - Angle of Face	45°
F - Guide Diameter	
V8-350 & 400 Cu.In.	.3427-.3437
V8-454 Cu.In.	.3732-.3742
G - Angle of Seat	46°
H - Valve Angle	
V8-350 & 400 Cu.In.	23°
V8-454 Cu.In.	4°
I - Valve Seat Diameter	
V8-350 & 400 Cu.In.	1.823-1.829
V8-454 Cu.In.	1.962-1.968

VALVES - EXHAUST

Material	High alloy steel
Coating	
V8-350 Cu.In.	Aluminized face
V8-400 Cu.In.	Aluminized face
V8-454 Cu.In.	Face & head aluminized
Valve Guide Inserts (V8-454)	Cast alloy iron



A - Stem Diameter	
V8-350 & 400 Cu.In.	.3410-.3417
V8-454 Cu.In.	.3713-.3720
B - Overall Length	
V8-350 & 400 Cu.In.	4.913-4.933
V8-454 Cu.In.	5.345-5.365
C - Gage Length	
V8-350 & 400 Cu.In.	4.781-4.791
V8-454 Cu.In.	5.345-5.365
D - Overall Head Diameter	
V8-350 & 400 Cu.In.	1.495-1.505
V8-454 Cu.In.	1.715-1.725
E - Angle of Face	45°
F - Guide Diameter	
V8-350 & 400 Cu.In.	.3427-.3437
V8-454 Cu.In.	.3732-.3742
G - Angle of Seat	46°
H - Valve Angle	
V8-350 & 400 Cu.In.	23°
V8-454 Cu.In.	4°
I - Valve Seat Diameter	
V8-350 & 400 Cu.In.	1.321-1.327
V8-454 Cu.In.	1.583-1.589

PRINCIPAL COMPONENTS

VALVE TIMING (Crankshaft degrees - Excluding ramps)

All States except California

V8-350 & 400 Cu.In.

Inlet Valve (Zero lash)

Opens - BTC 28°

Closes - ABC 72°

Duration 280°

Exhaust Valve (Zero lash)

Opens - BBC 78°

Closes - ATC 30°

Duration 288°

California only

V8-350 & 400 Cu.In.

Inlet Valve (Zero lash)

Opens - BTC 44°

Closes - ABC 96°

Duration 320°

Exhaust Valve (Zero lash)

Opens - BBC 88°

Closes - ATC 66°

Duration 334°

All States

V8-454 Cu.In.

Inlet Valve (Zero lash)

Opens - BTC 55°

Closes - ABC 111°

Duration 346°

Exhaust Valve (Zero lash)

Opens - BBC 105°

Closes - ATC 63°

Duration 348°

VALVE LIFT

All States except California

V8-350 & 400 Cu.In.3900 Inlet; .4100 Exhaust

California only

V8-350 & 400 Cu.In.4006 Inlet; .4100 Exhaust

All States

V8-454 Cu.In.4400 Inlet & Exhaust

PISTONS

Material Cast aluminum alloy

Head Type

V8-350 Cu.In. Sump head

V8-400 Cu.In. Sump, notched head

V8-454 Cu.In. Flat head, valve cutout

Skirt Type Slipper

Top Land Clearance

V8-350 Cu.In.0235-.0325

V8-400 Cu.In.0365-.0455

V8-454 Cu.In.0270-.0330

Skirt Clearance

V8-350 Cu.In.0007-.0017

V8-400 Cu.In.0014-.0024

V8-454 Cu.In.0018-.0028

Compression Ring Groove Depth

V8-350 Cu.In.2218-.2308

V8-400 Cu.In.2328-.2393

V8-454 Cu.In.2350-.2410

Oil Ring Groove Depth

V8-350 Cu.In.2038-.2128

V8-400 Cu.In.2183-.2248

V8-454 Cu.In.2185-.2245

Pin Bore Offset

V8-350 & 400 Cu.In.055-.065

Compression Height

V8-350 & 400 Cu.In. 1.558-1.562

V8-454 Cu.In. 1.641-1.649

PISTON PINS

Material Chromium steel

Length

V8-350 & 400 Cu.In. 2.990-3.010

V8-454 Cu.In. 2.930-2.950

Diameter

V8-350 & 400 Cu.In.9270-.9273

V8-454 Cu.In.9895-.9898

Clearance in Piston

V8-350 Cu.In.00015-.00025

V8-400 Cu.In.00025-.00035

V8-454 Cu.In.00030-.00040

Pin Mounting

Locked in rod by shrink fit

4 PRINCIPAL COMPONENTS

COMPRESSION RINGS - UPPER

Material	Cast alloy iron
Type	Straight edge inside of ring
Face	Barrel
Coating	
V8-350 Cu.In.	Chrome plate
V8-400 Cu.In.	Molybdenum inlay
V8-454 Cu.In.	Molybdenum inlay and graphite impregnated
Width	
V8-350 Cu.In.	.0775-.0780
V8-400 Cu.In.	.0770-.0780
V8-454 Cu.In.	.0770-.0775
Wall Thickness	
V8-350 Cu.In.	.190-.200
V8-400 Cu.In.	.196-.206
V8-454 Cu.In.	.202-.212
Gap	
V8-350 Cu.In.	.010-.020
V8-400 Cu.In.	.010-.020
V8-454 Cu.In.	.010-.020

COMPRESSION RINGS - LOWER

Material	Cast alloy iron
Type	Inside bevel (top of ring 30 degrees to piston vertical axis for V8-350 & 400; and 28°-52° for V8-454)
Face	Tapered
Coating	
V8-350 Cu.In.	Wear resistant
V8-400 Cu.In.	Chrome plated
V8-454 Cu.In.	Chrome plated
Width	
V8-350 Cu.In.	.0770-.0775
V8-400 Cu.In.	.0770-.0780
V8-454 Cu.In.	.0770-.0775
Wall Thickness	
V8-350 Cu.In.	.190-.200
V8-400 Cu.In.	.196-.206
V8-454 Cu.In.	.202-.212
Gap	
V8-350 Cu.In.	.013-.025
V8-400 Cu.In.	.010-.020
V8-454 Cu.In.	.010-.020

OIL CONTROL RINGS

Type	Multi-piece (Two rails and one spacer)
Material	
Rails	Steel
Spacer	Alloy steel
Width (assembled)	
V8-350 Cu.In.	.1850-.1870
V8-400 Cu.In.	.1845-.1865
V8-454 Cu.In.	.1855-.1875
Wall Thickness	
V8-350 Cu.In.	.150-.156
V8-400 Cu.In.	.133-.139
V8-454 Cu.In.	.137-.143
Gap	
V8-350 Cu.In.	.015-.055
V8-400 Cu.In.	.010-.025
V8-454 Cu.In.	.010-.030
Rail Coatings	Chrome plated

CONNECTING RODS

Material	Drop forged steel
Length (center to center)	
V8-350 Cu.In.	5.695-5.705
V8-400 Cu.In.	5.560-5.570
V8-454 Cu.In.	6.130-6.140

CONNECTING ROD BEARINGS

Material	Premium aluminum
Type	Precision removable
Clearance	
V8-350 Cu.In.	.0013-.0035
V8-400 Cu.In.	.0013-.0025
V8-454 Cu.In.	.0009-.0025
Theoretical I.D.	
V8-350 Cu.In.	2.1012
V8-400 Cu.In.	2.1012
V8-454 Cu.In.	2.2012
Effective Length	
V8-350 Cu.In.	.797
V8-400 Cu.In.	.797
V8-454 Cu.In.	.847
End Play	
V8-350 Cu.In.	.006-.016
V8-400 Cu.In.	.008-.014
V8-454 Cu.In.	.015-.023

EXHAUST SYSTEMS

TYPE

V8-350 & 400 Cu.In.
 Coupes and Sedans . . . Single with crossover pipes
 V8-400 Cu.In.
 Station Wagons Single with crossover pipes
 and resonators
 V8-454 Cu.In. Dual with resonators

MUFFLERS

Type Oval, reverse flow
 Construction Heads and body joined
 by rolled lock seam construction

Head

V8-350 Cu.In.062 sheet steel, aluminized
 V8-400 Cu.In. Station Wagons
 with LT4062 sheet steel, aluminized
 V8-400 Cu.In.
 Except Station Wagons .054 sheet steel, aluminized
 V8-454 Cu.In.054 sheet steel, aluminized

Shell036 sheet steel, zinc coated
 Wrap030 indented asbestos sheet
 Cover018 sheet steel, aluminized

Baffles

V8-350 Cu.In. . . . No. 1 & 3-.048 zinc coated steel
 No. 2 & 4-.036 zinc coated steel
 V8-400 Cu.In. Station Wagons
 with LT4 No. 1 & 3-.048 zinc coated steel
 No. 2 & 4-.036 zinc coated steel
 V8-400 Cu. In.
 Exc. S.W. No. 1-.048 zinc coated steel
 No. 2-.036 zinc coated steel
 No. 3-.060 zinc coated steel
 V8-454 Cu.In. . . . No. 1 & 3-.048 zinc coated steel
 No. 2-.036 zinc coated steel

Length Body

V8-350 & 400 Cu.In. 25.48
 V8-454 Cu.In. 23.25
 Width (I.D.) 10.50
 Height (I.D.) 4.06

EXHAUST CROSSOVER PIPE

Dimensions (O.D. & Wall Thickness)

V8-350 & 400 Cu.In. 2.00 x 1.01 laminated

EXHAUST PIPE

Dimensions (O.D. & wall thickness)

V8-350 & 400 Cu.In. 2.25 .078 laminated

V8-454 Cu.In. 2.25 x .082 laminated

RESONATORS

Type Straight through
 Cover036 sheet steel, aluminized
 Heads046 stainless steel

TAIL PIPES

Dimensions (O.D. & Wall Thickness)

V8-350 & 400 Cu.In. (Exc. S.W.) 2.00 x .069

V8-400 Cu.In. (S.W. only) 2.25 x .098

V8-454 Cu.In. (Exc. S.W.) 2.00 x .068

V8-454 Cu.In. (S.W. only) 2.25 x .054

SYSTEM APPLICATION

System Type	Engine Adaptation				
	V8-350		V8-400		V8-454
	L65	LM1	LF6	LT4	LS4
PCV – Positive Crankcase Ventilation	All engines – all states				
EGR – Exhaust Gas Recirculation	All engines – all states				
CHA – Carburetor Heated Air	All engines – all states				
AIR – Air Injection Reactor System	All states			*	All states
ECS – Fuel Evaporation Control System	All engines – all states				
OCS – Controlled Combustion System				**	

*–Used in California only

**–Used in all states except California

BASIC FUNCTION OF SYSTEMS

POSITIVE CRANKCASE VENTILATION

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

EXHAUST GAS RECIRCULATION

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

CARBURETOR HEATED AIR

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

AIR INJECTION REACTOR SYSTEM

Compresses, regulates and distributes quantities of air to each exhaust port to more completely burn carbon monoxide and hydrocarbon emissions.

FUEL EVAPORATION CONTROL SYSTEM

Controls emission of gasoline vapor 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

Increases 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.

LUBRICATION SYSTEM

GENERAL

Type Controlled full pressure
Main Bearings Pressure
Piston Pins Splash
Cylinder Walls Pressure, jet cross sprayed
Camshaft Bearings Pressure
Valve Lifters Pressure
Rocker Arms Pressure
Timing Gears Centrifugally oiled from front camshaft bearing

Oil Pressure Sending Unit

Type Electric
Actuation Opens or closes circuit @ 2 to 6 PSI

Oil Filler

Cap Positive seal
Location
V8-350 & 400 Rearward of left rocker cover
V8-454 Top center of right rocker cover

OIL PAN CAPACITIES (Quarts)

Refill 4
Refill with Filter Change 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-20, 5W-30

OIL PUMP

Type Gear
Regulator Valve Opens between 40-45 lbs
Oil Pressure
V8-350 & 400 Cu.In. 32-40 PSI @ 2000 RPM
V8-454 Cu.In. 40-46 PSI @ 2000 RPM
Intake Type Fixed pickup with screen
Capacity (GPM @ Engine RPM) (Theoretical)
V8-350 & 400 Cu.In. 4.3 @ 2000
V8-454 Cu.In. 6.0 @ 2000

OIL FILTER

Type Full flow, throwaway canister
Location
V8 Engines Left rear side of engine
Capacity (pints) One
Bypass Valve Opens between 9 to 11 PSI

OIL PAN DRAIN PLUG

Type Hex head
Location Left lower face of oil pan sump
Size of Hex Head860-.875
Thread 1/2-20 UNF 2A
Length 0.81
Diameter410-.430

OIL DIP STICK - LOCATION

V8-350 & 400 Left side, rear of engine block
V8-454 Right side, center direct to oil pan

COOLING SYSTEM

GENERAL

Type . . . Pressure-vented thru coolant recovery system	
Capacity with Heater	
V8-350 & 400 Cu.In.	18 Qts.
V8-454 Cu.In.	24 Qts.

RADIATOR

Make and Type	Harrison, tube and center
Core Constant	
Distance between Fins	
V8-350 Cu.In. . . . .	.18
V8-400 Cu.In. . . . .	.16
V8-454 Cu.In. . . . .	.16
Distance between Tubes . . . . .	.55
Thickness of core	
V8-350 & 400 Cu.In.	1.24
V8-454 Cu.In.	1.24
Frontal Area (Sq.In.)	
V8-350 & 400 Cu.In.	480
V8-454 Cu.In.	480
Overflow	Separate coolant bottle

RADIATOR, HEAVY DUTY (RPO V01)

Core Constant	
Distance between Fins	
V8-350 Cu.In. . . . .	.16
V8-400 Cu.In. (LF6) . . . . .	.16
V8-400 Cu.In. (LT4) . . . . .	.20
V8-454 Cu.In. . . . .	.18
Distance between Tubes . . . . .	.55
Thickness of core	
V8-350 Cu.In.	1.96
V8-400 Cu.In.	1.96
V8-454 Cu.In.	2.68
Frontal Area (Sq.In.)	
V8-350 Cu.In.	480
V8-400 Cu.In.	480
V8-454 Cu.In.	480
Overflow	Separate coolant bottle

RADIATOR CAP RELIEF VALVE

Opens at Approximately 15 PSI

THERMOSTAT

Type	Pellet
Begins to Open at	192°-198°
Fully Opened at	217°
Thermostat By-Pass Hose (V8-454) . . . . .	.745 ID

RADIATOR HOSE

Outlet, Lower (Radiator to Water Pump)	1.75 I.D.
Inlet, Upper (Thermostat Hsg. to Radiator)	1.50 I.D.

FAN

Number of Blades	
All engines except V8-454 Cu.In.	4
V8-454 Cu.In.	7
Diameter	
All V-8 engine, except V8-454 Cu.In.	19.00
V8-454 Cu.In. (Thermo-modulated)	19.50
Fan Pulley Hitch Diameter	
V8-350 & 400 Cu.In.	7.00
V8-454 Cu.In.	6.06

BELTS, CRANKSHAFT, FAN AND GENERATOR

Number Used	One
Angle of "V"	38°-42°
Pitch Line	
V8-350 Cu.In.	47.50
V8-400 Cu.In. Used in California	47.50
V8-400 Cu.In. used in all states except california	44.50
V8-454 Cu.In.	50.00
Width . . . . .	.380

WATER PUMP

Type	Centrifugal
Capacity	
V8-350 Cu.In.	21.6 GPM @ 2000 engine RPM
V8-400 Cu.In.	22.1 GPM @ 2000 engine RPM
V8-454 Cu.In.	24.5 GPM @ 2000 engine RPM
Bearing	Permanently lubricated double row ball
Drive	Fan belt
Ratio (Pump to Engine RPM)	
V8-350 & 400 Cu.In. . . . .	.949:1
V8-454 Cu.In.	1.25:1

DRAIN LOCATIONS AND TYPE

Engine Block - Plug	
V8-350 & 400 Cu.In.	Right and left center
V8-454 Cu.In.	Left side - rear of block Right side - center of block
Radiator - Petcock	
All types	Lower left rear face

ELECTRICAL SYSTEM

SUPPLY SYSTEM

BATTERY

Voltage Rating	12
Cranking Power @ 0° F	
V8-350 & 400 Cu.In.	2900 watts
V8-454 Cu.In.	4000 watts
Heavy Duty (RPO T60)	4000 watts
Total Number of Plates	
V8-350 & 400 Cu.In.	66
V8-454 Cu.In.	78
Heavy Duty	90
Number of Cells	6
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	12-Volt
Amperes Drawn	
Engine stopped	4.0
Engine Idling	1.8

SPARK PLUGS

Type	ACR44T
Thread Size (mm)	14
Gap	.033-.038
Torque	15 lb.ft.

STARTING SYSTEM

STARTING MOTOR

Rotation (Drive End View)	Clockwise
Test Conditions	Engine at operating temp.
No Load Test	
Amps	70-99
Volts	10.6
RPM	7800-12000
Motor Drive	
Engagement	Solenoid
Pinion Meshes at	Rear
Pinion Tooth No.	9
Flywheel Tooth No.	
V8-350 & 400 Cu.In.	153
V8-454 Cu.In.	168

DISTRIBUTORS	AVAILABILITY	350 Cu.In. L65	350 Cu.In. LM1	400 Cu.In. LF6	400 Cu.In. LT4	454 Cu.In. LS4
Model	Except Calif. Calif. Only	1112844	1112093	1112846	1112259 1112545	1112113 1112113
Type	Single breaker					
Cam angle	29°-31°					
Breaker gap	.019 (new)					
Breaker arm tension	19-23		28-33			
Centrifugal advance begins @ RPM	Except Calif. Calif. Only	675-1300	900-1300	700-1300	900-1300 700-1300	900-1300
Maximum degrees @ RPM	Except Calif. Calif. Only	18-22 @ 4200	16-20 @ 4200	18-22 @ 4200	16-20 @ 4200 16-20 @ 3900	16-20 @ 4200
Vacuum advance begins @ In. Hg.	Except Calif. Calif. Only	2.0-4.0	5.0-7.0	3.0-5.0	9.0-11.0 7.0-9.0	5.0-7.0
Maximum degrees @ In. Hg.	Except Calif. Calif. Only	12.5-15.5 @ 8.0	13.5-16.5 @ 13.5	13.5-16.5 @ 10	8.5-11.5 @ 14.5 13.5-19.5 @ 15.5	18.5-21.5 @ 15
Timing (initial design setting) Crankshaft degrees @ RPM with vacuum lines disconnected	Except Calif. Calif. Only	8° BTC @ 600	8° BTC @ 600	8° BTC @ 600	10° BTC @ 600 10° BTC @ 600	10° BTC @ 600
Timing mark location	Torsional damper					

TURBO HYDRA-MATIC

Engine	Displacement	V8-350 & V8-400 (LF6)	V8-400 (LT4) & 454	
	Type	Automatic hydraulic torque converter with compound planetary gear system - three forward speeds and reverse		
General Data	Selector lever	Location	Steering column	
		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		
Oil pressure pump	Supplies hydraulic pressure from an engine driven gear type pump			
Hydraulic System	Type	Steel spool valve		
	Valves	Manual	Establishes range of 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 (a)	Drive	60	70
		L2	87	150
		L1	87	150
Reverse		91	107.5	
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	2.10	
	Stall speed (RPM)	2110		
	Diameter (nominal)	11.75	12.20	
Planetary Gear Set	Reaction carrier assembly	4 steel pinion gears		
	Output carrier assembly	4 steel pinion gears		
	Front band		Circular steel with organic lining	
	Rear Band		Double wrap circular steel	
	Intermediate band	Circular steel with organic lining		
	Range	D (Drive)	2.52:1 - 1.52:1 - 1.00:1	2.48:1 - 1.48:1 - 1.00:1
		L2 (Low two)	2.52:1 - 1.52:1	2.48:1 - 1.48:1
		L1 (Low one)	2.52:1	2.48:1
		R (Reverse)	1.93:1	2.08:1
Servo Unit	Piston with release spring and inner cushion spring			
Case	Material	Aluminum		
Clutches	Type	Four, multiple disk	Three, multiple disk	
	Material	Drive plates	Steel with bonded organic facings	
		Driven plates	Flat steel	
	Forward clutch	5 each drive & driven plates	5 each drive & driven plates	
	Direct clutch	4 each drive & driven plates	5 each drive & driven plates	
	Intermediate clutch	3 each drive & driven plates	3 each drive & driven plates	
	Low & Reverse clutch	5 each drive & driven plates		
Release spring	Radial row steel coil			
Torque Multiplication	Drive (maximum)	5.04:1 to 1.00	5.21:1 to 1.00	
	Low 2	5.04:1 to 1.52	5.21:1 to 1.48	
	Low 1	5.04:1 to 2.52	5.21:1 to 2.48	
	Reverse	3.86:1 to 1.93	4.37:1 to 2.08	
Governor	Type	Cross-axis centrifugal		
	Operation	Regulates a pressure proportional to car speed which acts upon the (1-2) (2-3) shift and modulator valves		
Lubricant	Type	A suffix A		
	Capacity (pints)	Dry	20	22
		Refill	8	9

(a) 600 RPM input

1974 MVMA *original* Specifications Form Passenger Car

Manufacturer Chevrolet Motor Division General Motors Corporation	Car Line CHEVROLET	
Mailing Address Chevrolet Engineering Center 30003 Van Dyke Warren, Michigan 48090	Model Year 1974	Issued: September, 1973 Revised (e) January, 1974

Revised pages attached - 2, 3, 4A, 11, 15, 18, 27.

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MVMA Specifications Form

Passenger Car

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NOTES

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

**MVMA Specifications Form
Passenger Car**

Car Line CHEVROLET
 Model Year 1974 Issued 9/73 Revised (e) _____

Car Models

Model Description	Make, Car line, Series, Body Type (Mfr's Model Code)	Max Number of Passengers: (Front/Rear)	
	<u>Model Number</u>	<u>Front</u>	<u>Rear</u>
<u>BEL AIR</u>			
4-door Sedan	1BK69	3	3
<u>IMPALA</u>			
4-door Sport Sedan	1BL39	3	3
2-door Custom Coupe	1BL47	3	3
2-door Sport Coupe	1BL57	3	3
4-door Sedan	1BL69	3	3
<u>CAPRICE CLASSIC</u>			
4-door Sport Sedan	1BN39	3	3
2-door Custom Coupe	1BN47	3	3
2-door Convertible	1BN67	3	3
4-door Sedan	1BN69	3	3
<u>STATION WAGONS</u>			
Bel Air, 4-door, 2-seat	1BK35		
Bel Air, 4-door, 3-seat	1BK45		
Impala, 4-door, 2-seat	1BL35		
Impala, 4-door, 3-seat	1BL45		
Caprice Estate, 4-door, 2-seat	1BN35		
Caprice Estate, 4-door, 3-seat	1BN45		

NOTE: ANY SPECIFICATIONS ON THE FOLLOWING PAGES THAT ARE SPECIFIC TO CALIFORNIA REQUIREMENTS ARE INDICATED ACCORDINGLY

MVMA Specifications Form

Passenger Car

Car Line : CHEVROLET
 Model Year 1974 Issued 9/73 Revised (e) 3/74

Car and Body Dimensions

See Pages 29 - 31 for SAE Dimension Definitions

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.	4-Door Sedan	2-Door Coupes		4-Door Spt. Sedan	Con-vertible	Station Wagon
		Sport	Custom			

Width

Tread - Front	W101	64.1					
Tread - Rear	W102	64.0					
Maximum overall car width	W103	79.5					
Body width at No. 2 pillar	W117	79.5	--	--	79.5	--	79.5
Max. front doors open	W120	145.5	166.8		145.5	166.8	145.5
Max. rear doors open	W121	142.4	--	--	142.4	--	148.4

Length

Body "O" to front of dash	L 30	-0.5					
Wheelbase	L101	121.5					125.0
Overall car length	L103	222.7					228.4
Overhang - front	L104	42.3					
Overhang - rear	L105	58.9					61.1
Body upper structure length	L123	111.3	110.9	96.2	116.6	108.5	147.8
Body "O" line to C.L. of rear wheel	L127	100.5					104.0
Body "O" line to w/s cowl point	L130	4.5					

Height

Passenger Distribution (front & rear)	*	2-3					2-3 (b)
Trunk/Cargo load (lbs)	*	0					0
Overall height	H101	54.5	53.7		53.9	53.7	58.1**
Cowl height	H114	38.6					39.1**
Deck height	H138						
Rocker panel - front	H112'	8.4					8.9**
Bottom of front door to ground	H133	10.1					10.4**
Rocker panel - rear	H111	7.5					8.8**
Bottom of rear door to ground	H135	9.4	--	--	9.4	--	10.7**
Windshield slope angle	H122	59.0					

Ground Clearance

Bumper to ground - front	H102	12.3					12.2**
Bumper to ground - rear	H104	11.6					12.6**
Angle of approach	H106	20°7'					19°44'***
Angle of departure	H107	14°1'					13°47'***
Ramp breakover angle	H147	14°44'					13°45'***
Rear axle differential to ground	H153	7.3					8.7**
Min. running clearance (Specify)	H156	5.7 (a)					6.2(a)**

**3-seat wagons: - H101-57.4 H133-10.5
 H102-12.6 H135-9.8
 H104-11.3 H147-16°30'
 H106-20°11' H153-7.8
 H107-13°15' H156-5.4
 H111-8.0
 H112-8.7
 H114-39.9

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

- (a) Exhaust pipe at X-member.
 (b) 3-Seat wagon 2-3-2

MVMA Specifications Form Passenger Car

Car Line CHEVROLET
Model Year 1974 Issued 9/73 Revised (e) 1/74

Car And Body Dimensions See Pages 29 - 31 for SAE Dimension Definitions

SAE Ref. No.	4-Door Sedan	2-Door Coupes		4-Door Spt. Sedan	Con-vertible	Station Wagon
		Sport	Custom			

Front Compartment

H Point to body "O" line	L31	42.3				
Effective head room	H61	38.9	38.1	38.4	38.9	39.6
Max. eff. leg room - accelerator	L34	42.5				
H Point to Heel point	H30	8.2				
H Point travel	L17	5.8				
Shoulder room	W3	64.3				
Hip room	W5	62.0				
Upper body opening to ground	H50	50.0	49.7	49.8	50.0	50.7

Rear Compartment

H Point couple distance	L50	36.1	33.1	36.1	33.1	36.6(a)
Effective head room	H63	38.0	37.1	37.4	38.1	39.3(b)
Min. effective leg room	L51	38.8	35.8	38.8	35.8	39.4(c)
H Point to Heel point	H31	11.2	10.8	11.2	10.8	12.0
Min. knee room	L48	3.6	1.2	3.6	1.2	3.7 (d)
Rear Compartment room	L3	28.9	26.5	28.9	26.5	29.5 (e)
Shoulder room	W4	63.3	61.4 | 62.1	63.3	61.7	63.3
Hip room	W6	61.9	56.2	61.9	56.2	62.2
Upper body opening to ground	H51	49.2	--	48.5	--	50.8

Luggage Compartment

For 3-seat wagons (a) 34.6 (b) 39.4 (c) 37.4 (d) 1.9 (e) 27.5

Usable luggage capacity (cu. ft.)(+)	V1	18.9	18.1	18.9	15.9	--
Liftover height	H195	28.2				--
Position of spare tire storage	Sedans and coupes front center of trunk compartments (*)					
Method of holding lid open	Torsion rods					

Station Wagon — Third Seat

Shoulder Room	W85	48.8
Hip room	W86	48.2
Effective leg room	L86	35.6
Effective head room	H86	37.8
Seat facing direction		Front

Station Wagon — Cargo Space

Cargo length at floor - front seat	L202	100.5
Cargo length at belt - front seat	L204	94.6
Cargo width - Wheelhouse	W201	48.8
Opening width at belt	W204	42.0
Maximum cargo height	H201	30.6
Rear opening height	H202	29.5
Cargo volume index (cu. ft.) W4 x L204 x H201 1728	V2	106.4

- (*) Convertible-horizontal right side of Luggage compartment.
Station wagons-vertical right rear quarter panel.
(+) Corporation 'H' (Shoe Box) method of measurement is used.

MVMA Specifications Form
Passenger Car

Car Line CHEVROLET
 Model Year 1974 Issued 9/73 Revised (e) 1/74

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			"A"	"B"	"C"
				BHP	Torque				
COUPES, CONVERTIBLES, SEDANS									
Bel Air & Impala (Standard) (not available in California)	Turbo Fire 350 V8 (L65)	One; 2-bbl	8.5:1	145 @ 3800	250 @ 2200	3-Spd. automatic	3.08	3.42	---
Bel Air & Impala (Optional) (California only)	Turbo Fire 350 V8 (LM1)	One; 4-bbl	8.5:1	160 @ 3800	250 @ 2400	3-Spd. automatic	3.08	3.42	---
Caprice Classic (Standard) Bel Air & Impala (Optional) (not available in California)	Turbo Fire 400 V8 (LF6)	One; 2-bbl	8.5:1	150 @ 3200	295 @ 2000	3-Spd. automatic	2.73	3.42	3.08
All Series/Models (Optional) (California only)	Turbo Fire 400 V8 (LT4)	One; 4-bbl	8.5:1	180 @ 3800	290 @ 2400	3-Spd. automatic	2.73	3.42	3.08
All Series/Models (Optional) (all states)	Turbo Jet 454 V8 (LS4)	One; 4-bbl	8.25:1	235 @ 4000	360 @ 2800	3-Spd. automatic	2.73	3.42	---
*-Positraction available optionally for all ratios **-Same ratios available with Air Conditioning A-Standard B-Trailer option C-Performance option									

Passenger Car

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)		
	Diapl. cu. in.	Carb.	Compr. Ratio	SAE Net @ RPM			"A"	"B"	"C"
				BHP	Torque				
<u>STATION WAGONS</u>									
All Series/Models (Standard) (all states)	Turbo Fire 400 V8 (LT4)	One; 4-bbl	8.5:1	180 @ 3800	290 @ 2400	3-Spd. automatic	3.08	3.42	---
All Series/Models (Optional) (all states)	Turbo Jet 454 V8 (LS4)	One; 4-bbl	8.25:1	235 @ 4000	360 @ 2800	3-Spd. automatic	2.73	3.42	---
*-Positraction available optionally for all ratios **-Same ratios available with Air Conditioning A-Standard B-Trailer option									

MVMA Specifications Form

Passenger Car

Car Line CHEVROLET
 Model Year 1974 Issued 9/73 Revised (•) _____

Engine Displacement		
V8-350 C.I. L65	LM1	V8-400 C.I. LF6
		LT4
		V8-454 C.I. LS4

Engine — General

Type, no. cyls., valve arr.	90° V-8 OHV		
Bore and stroke (nominal)	4.00x3.48	4.126x3.75	4.251x4.00
Piston displacement, cu. in.	350	400	454
Bore spacing (C/L to C/L)	4.40		4.84
No. system (front to rear)	L. Bank	1-3-5-7	
	R. Bank	2-4-6-8	
Firing Order	1-8-4-3-6-5-7-2		
Cylinder Head Material	Cast iron alloy		
Cylinder Block Material	Cast iron alloy		
Cyl Sleeve-Wet, dry, none	None		
Number of mtg. points	Front	Two	
	Rear	One	
Engine installation angle	4°46'		
Taxable horsepower	Dia. 2 x No. Cyl. 2.5	51.2	54.5
			57.8
Recommended fuel regular — premium	Unleaded or low lead		
Cylinder Head Volume (cc)	75.47	75.47	115.33
Head Gasket Thickness (Compressed)	.021	.039	.028
Head Gasket Volume (cc)	4.58	8.81	7.01
Deck Clearance (nominal) (above or below block)	.025(below)	.025 (below)	.028 (below)
Minimum Combustion Chamber Volume (cc)	74.47	74.47	114.33

Engine — Pistons

Material	Cast aluminum alloy		
Description and finish	Sump head; slipper skirt		Flat head; Valve cutout
Weight (piston only) oz.	21.23	21.92	25.94
Clearance (limits)	Top land	.0235-.0325	.0270-.0330
	Skirt	Top	.0007-.0017(a)
		Bottom	.0014-.0024(a)
Ring groove diameter	No 1 ring	3.541-3.556	3.770-3.780
	No. 2 ring	3.541-3.556	3.770-3.780
	No 3 ring	3.577-3.592	3.803-3.813

- (a) Measured 1.56 from top of piston
 (b) Measured 1.65 from top of piston

MVMA Specifications Form
Passenger Car

Car Line **CHEVROLET**
Model Year **1974** Issued **9/73** Revised (e)

Engine Displacement

V8-350 C.I. L65	LM1	V8-400 C.I. LF6	LT4	V8-454 C.I. LS4
--------------------	-----	--------------------	-----	--------------------

Engine - Piston Rings

Function (top to bottom)	No. 1. oil or comp	Compression		
	No. 2. oil or comp	Compression		
	No. 3. oil or comp.	Oil		
Compression	Description - material, coating, etc.	Upper	Cast alloy iron, barrel face (a)	
		Lower	Cast alloy iron, inside bevel, tapered face (b)	
	Width	(c)	.0770-.0780	.0770-.0775
	Gap	(d)	.010-.020	.010-.020
Oil	Description - material, coating, etc.	Multi-piece (2 rails and 1 spacer expander) Rails-steel, chrome plated OD; Expander-stainless steel		
	Width (Assembled)	.1850-.1870	.1845-.1865	.1855-.1875
	Gap	.015-.055	.010-.025	.010-.030
Expanders	In oil ring assembly			

Engine - Piston Pins

Material	Chromium steel		
Length	2.990-3.010		2.930-2.950
Diameter	.9270-.9273		.9895-.9898
Type	Locked in rod in piston, floating, etc.	Locked in rod	
	Bushing In rod or piston Material	None	
Clearance	In piston	.00015-.00025	.00025-.00035
	In rod		.00030-.00040
Direction & amount offset in piston	Major thrust side .060		

Engine - Connecting Rods

Material	Drop forged steel		
Weight (oz)	20.80	21.44	27.84
Length (center to center)	5.695-5.705	5.560-5.570	6.130-6.140
Bearing	Material & Type	Premium aluminum	
	Overall length	.797	.847
	Clearance (limits)	.0013-.0025	.0009-.0025
	End Play	.006-.016	.008-.014

- (a) Chrome plated on V8-350; Wear resistant coating and molybdenum inlay on V8-400 & 454 also graphite impregnated on V8-454.
- (b) Wear resistant coating on V8-350; Chrome plating on V8-400 & 454
- (c) Upper .0775-.0780; lower .0770-.0775
- (d) Upper .010-.020; lower .013-.025

MVMA Specifications Form
Passenger Car

Car Line CHEVROLET
Model Year 1974 Issued 9/73 Revised (•) _____

Engine Displacement

V8-350 C.I. L65 | LMI		V8-400 C.I. LF6 | LT4		V8-454 C.I. LS4
--------------------------	--	--------------------------	--	--------------------

Engine—Crankshaft

Material		Cast nodular iron			
Vibration damper type		Rubber mounted inertia			
End thrust taken by bearing (No.)		5			
Crankshaft end play		.002-.007		.006-.010	
Main bearing	Material & type	Steel backed insert with copper lead alloy or premium aluminum lining selected for specific application			
	Clearance	(a)		(b)	
	Journal dia. and bearing overall length	No. 1	2.4502x.752	2.6503x.752	2.7499x.992
		No. 2	2.4502x.752	2.6503x.752	2.7504x.992
		No. 3	2.4502x.752	2.6503x.752	2.7504x.992
		No. 4	2.4502x.752	2.6503x.752	2.7504x.992
		No. 5	2.4508xl.180	2.6509xl.181	2.7505xl.256
		No. 6	None		
		No. 7	None		
	Dir. & amt. cyl. offset	None			
No. bolts main brg cap	10 bolts/5 brg. caps				
Crankpin journal diameter		2.099-2.100		2.199-2.200	

Engine—Camshaft

Location		In block above crankshaft			
Material		Cast iron alloy			
Bearings	Material	Steel backed babbitt			
	Number	5			
Type of Drive	Gear or chain	Chain			
	Crankshaft gear or sprocket material	Steel sprocket			
	Camshaft gear or sprocket material	Nylon teeth with aluminum hub			
	Timing chain	No. of links	46	50	
		Width	.625	.750	
Pitch		.500	.500		

- (a) No. 1 - .0008-.0020
 No. 2, 3 & 4 - .0011-.0023
 No. 5 - .0017-.0033
 (b) No. 1 - .0007-.0019
 No. 2, 3 & 4 - .0013-.0025
 No. 5 - .0019-.0035

MVMA Specifications Form

Passenger Car

Car Line CHEVROLET
 Model Year 1974 Issued 9/73 Revised (•) _____

Engine Displacement

V8-350 C.I. L65 LM1		V8-400 C.I. LF6 LT4		V8-454 C.I. LS4
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Engine—Valve System

Hydraulic lifters (Std. opt., NA)		Standard		
Valve rotator type (intake, exhaust)		Exhaust		
Rocker ratio		1.50:1	1.70:1	
Operating tappet clearance (indicate hot or cold)	intake	Zero		
	Exhaust	Zero		
Timing (based on top of ramp points)	intake	Opens (*BTC)	28° (44°) | 55°	
		Closes (*ABC)	72° (96°) | 111°	
		Duration (deg.)	280° (320°) | 346°	
	Exhaust	Opens (*BBC)	78° (88°) | 105°	
		Closes (*ATC)	30° (66°) | 63°	
		Duration (deg.)	288° (334°) | 348°	
	Valve open overlap (deg.)		58° (110°) | 118°	
Material		Alloy steel, aluminized face on V8-400 & 454 (a)		
Overall length		4.870-4.889	5.215-5.235	
Actual overall head dia.		1.935-1.945	2.060-2.070	
Angle of seat & face (deg.)		46° -seat; 45° -face		
Seat insert material		None		
Stem diameter		.3410-.3417	.3715-.3722	
Stem to guide clearance		.0010-.0027		
intake	Lift (@ zero lash)		.3900 (.4006) | .4400	
	Outer spring press & length	Valve closed (lb. @ in.)	76-84 @ 1.70 | 74-86 @ 1.88	
		Valve open (lb. @ in.)	194-206 @ 1.25 | 288-312 @ 1.38	
	Inner spring press & length	Valve closed (lb. @ in.)	Spring damper	
		Valve open (lb. @ in.)	Spring damper	
	Material		High alloy steel, aluminized face (also head on V8-454)	
	Overall length		4.913-4.933	5.345-5.36
Actual overall head dia.		1.495-1.505	1.715-1.725	
Angle of seat & face (deg.)		46° -seat; 45° face		
Seat insert material		None		
Stem diameter		.3410-.3417	.3713-.3720	
Stem to guide clearance		.0010-.0027		
Exhaust	Lift (@ zero lash)		.4100 (.4100) | .4400	
	Outer spring press & length	Valve closed (lb. @ in.)	76-84 @ 1.61 | 74-86 @ 1.88	
		Valve open (lb. @ in.)	194-206 @ 1.16 | 288-312 @ 1.38	
	Inner spring press & length	Valve closed (lb. @ in.)	Spring damper	
		Valve open (lb. @ in.)	Spring damper	

NOTE: Data bracketed () pertains to LM1 & LT4 engines used in California
 (a) - Head also aluminized on V8-454

MVMA Specifications Form Passenger Car

Car Line CHEVROLET
 Model Year 1974 Issued 9/73 Revised (•) _____

Engine Displacement		
V8-350 C.I. L65	LM1	V8-400 C.I. LF6
		LT4
		V8-454 C.I. LS4

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	Centrifugally oiled from camshaft bearing
	Cylinder walls	Pressure jet cross sprayed
Oil pump type	Gear	
Normal oil pressure (lb. @ engine rpm)	32-40 @ 2000 RPM	42-46 @ 2000 RPM
Oil press. sending unit (elect. or mech.)	Electric	
Type oil intake (floating, stationary)	Stationary	
Oil filter system (full flow, part., other)	Full flow	
Filter replacement (element, complete)	Complete	
Capacity of oil case, less filter-refill (qt.)	4	
Oil grade recommended (SAE viscosity and temperature range)	20° F and above - 20W-20, 10W-30, 10W-40, 20W-40, 20W-50, 0° to 60° F - 10W, 5W-30, 10W-40, 10W-30 Below 20° F - SW-20, SW-30	
Engine service reqmt. (SD, SE, etc.)	SE	

Engine — Exhaust system

Type (single, single with cross-over, dual, other)	Single with crossover	Dual
Muffler No. & type (reverse flow, straight thru, separate resonator)	One, reverse flow (e)	2 mufflers & 2 resonators
Exhaust pipe dia. (O.D., wall thick.)	Branch	2.00x.101 (a)(f)
	Main	2.25x.078 (a)
Tail pipe dia. (O.D. & wall thickness)	2.00x.061 (b)	2.00x.068 (c)

- (a) - Laminated
- (b) - Station Wagons LM1 & LT4 - 2.25 x .098
- (c) - Station Wagons - 2.25 x .054
- (d) - Pipe-muffler to resonators; 2.25 x .098 for Station Wagons
- (e) - Resonator with V8-400 station wagons
- (f) - Pipe muffler to resonator on V8-400 station wagons 2.00 x .093

MVMA Specifications Form
Passenger Car

Car Line CHEVROLET
 Model Year 1974 Issued 9/73 Revised (e) _____

Engine Displacement					
V8-350 C.I.		V8-400 C.I.		V8-454 C.I.	
L65	LM1	LF6	LT4	LS4	

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 26; station wagons 22	
	Filter location	Behind hinged rear license plate (a)	
Fuel Pump	Type (elec. or mech.)	Mechanical	
	Locations	Lower right front of engine	
	Pressure range	7.50-9.00 (b)	
Vacuum booster (std., optional, none)		None	
Fuel Filter	Type	Fine mesh plastic strainer in gas tank and paper filter element in carburetor inlet	
	Locations		
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	Not available
		Automatic	600 in drive
Idle A/F mix		Not specified	

Carburetor Supplementary Information

Model Usage	Engine Displ	Transmission	Carburetors		No. Used and Type	Barrel Size
			Make	Model		
Refer to Power Team Line-up (Pages 4 & 4A) for model application	350 L65	Automatic	Rochester	7044114	One; 2-bbl	1.69
	350 LM1	Automatic	Rochester	(7044502)	One; 4-bbl	1.38 Prim. 2.25 Sec.
	400 LF6	Automatic	Rochester	7044118	One; 2-bbl	1.69
	400 LT4	Automatic	Rochester	7044226 (7044526)	One; 4-bbl	1.38 Prim. 2.25 Sec.
	454 LS4	Automatic	Rochester	7044223 (7044500)	One; 4-bbl	1.38 Prim. 2.25 Sec.

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

- (a) Left quarter panel on Station Wagons
- (b) 1800 RPM at pump outlet

MVMA Specifications Form

Passenger Car

Car Line CHEVROLET

Model Year 1974 Issued 9/73 Revised (•) _____

Engine Displacement

V8-350 C.I. L65 LM1		V8-400 C.I. LF6 LT4		V8-454 C.I. LS4
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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)	Centrifugal			
	GPM 2000 pump rpm	22.7	23.3	25.8	
	Number of pumps	One			
	Drive (V-belt, other)	V-belt			
	Bearing type	Permanently lubricated double row ball			
By-pass recirculation type (inter., ext.)		Internal	External		
Radiator core type (cross-flow, vertical, cellular, tube and fin, other)		Cross flow; tube and center			
Cooling system capacity	With heater (qt.)	18	24		
	Without heater (qt.)	17	23		
	Opt. equipment-specify (qt.)	18	24		
Water jacket's full length of cyl. (yes, no)		Yes			
Water all around cylinder (yes, no)		Yes			
Radiator hose	Lower	Number and type (molded, straight)	One; molded		
		Inside diameter	1.75		
	Upper	Number and type (molded, straight)	One; molded		
		Inside diameter	1.50		
	By-pass	Number and type (molded, straight)	None	One; molded	
		Inside diameter	None	.690-.750	
	Fan	Number of blades & spacing	4-blade, staggered		7-blade
		Diameter	19.00		19.50
Ratio-fan to crankshaft rev		.949:1		1.25:1	
Fan cutout type		Thermo-modulated clutch on V8-454 only			
*Drive belts (indicate belt used by letter)	Bearing type	Double row ball			
	Fan	A	A* G	D	
	Generator or alternator	A	A* G	D	
	Water Pump	A	A* G	D	
	Power Steering	B	B B	E	
	Air Conditioning	C	C C	F	
	Air Injection	A	A*	D	

***Used with California engines only**

*Drive Belt Dimensions	A	B	C	D	E	F	G	H	I	J	K
Angle of	34° - 38°										
Notch length (SAE)	47.50	36.00	55.00	50.00	41.00	58.50	44.50				
Width	.380										

Passenger Car

Model-Year 1974 Issued 9/73 Revised (•) _____

Engine Displacement

V8-350 L65&400 LF6 and V8-454 All states except California	V8-350 LM1 & 400 LT4 and V8-454 California only	V8-400 LT4 All states except California
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Vehicle Emission Control

	Type (Air injection, engine modifications, other)		Air injection	Engine modifications	
	Air Injection Pump	Type	Semi-articulated vane type		
Displacement		19.3 cubic inch			
Drive ratio		1.15:1 (350 & 400); 1.31:1 (454)			
Drive type		Crankshaft pulley			
Relief valve (type)		Diverter valve			
Filter (describe)		Centrifugal air cleaner			
Air Injection System	Air distribution (head, manifold, etc.)		Manifold	System	
	Point of entry		Exhaust ports		
	Injection tube i.d.		.2700		
	Check valve type		Pressure plate system		
	Backfire protection (type)		Diverter valve		
Exhaust Emission Control	Type (controlled flow, open orifice, other)		Controlled flow		
	Valve type		Vacuum modulated shut-off and metering valve		
	Valve location		V8-350 & 400 right rear V8-454 left front of inlet 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		
Other	Carburetor Heated Air		Thermostatically controlled air cleaner regulates and mixes heated air with incoming cold air to reduce hydrocarbon emission		
Crankcase Emission Control	Type (ventilates to atmos., induction system, other)		Induction system		
	Standard		---		
	Optional				
	Control Unit	Make and model		AC Spark Plug 6487778	
		Location		Left front rocker cover	
		Energy source (manifold vacuum, carburetor, other)		Manifold vacuum	
		Control method (variable orifice, fixed orifice, other)		Variable orifice	
	Complete System	Discharges (to intake manifold, other)		Intake manifold	
		Air inlet (breather cap, other)		Carburetor air cleaner	
		Flame arrestor (screen, other)		Screen	

(a) LT4 California engine - Dual diaphragm, single orifice

MVMA Specifications Form
Passenger Car

Car Line CHEVROLET
 Model Year 1974 Issued 9/73 Revised (•) _____

Engine Displacement		
V8-350 L65&400 LF6 and V8-454 All states except California	V8-350 LM1 & 400 LT4 and V8-454 California only	V8-400 LT4 All states except California

Vehicle Emission Control (Continued)

Evaporative Emission Control	Fuel Tank	Thermal expansion volume (cu. ft.)	Approximately 10% of refill capacity
		Pressure relief location (lbs.)	1.1 PSI
		Vacuum relief location (lbs.)	.7 PSI
		Vapor-liquid separator type	Integral with fuel tank
		Vapor vented to (crankcase, cannister, other)	Canister ---
	Carbu- retor	Vapor vented to (crankcase, cannister, other)	Internally vented ---
		Vapor Storage	Storage provision (crankcase, cannister, other)	Canister ---
	Volume (cu. ft.) or capacity (grams)		Approximately 50 grams storage capacity
	Control valve type		Controlled by orifices and carburetor throttle body and throttle blade position.

MVMA Specifications Form
Passenger Car

Car Line CHEVROLET
 Model Year 1974 Issued 9/73 Revised (•) _____

Engine Displacement

V8-350 C.I.		V8-400 C.I.		V8-454 C.I.
L65	LM1	LF6	LT4	LS4

Electrical — Supply System

Battery	Make and Model		Delco Remy 1980200	1980204
	Voltage Rtg. & Total Plates		12 volts - 66 plates	12 volts - 78 plates
	Cranking Power		2900 watts @ 0° F	4000 watts @ 0° F
	Location		Right side of engine compartment	
	Terminal grounded		Negative	
Generator or Alternator	Make		Delco Remy	
	Model		1100934	
	Type and rating		Diode rectified-37 amps	
	Output at engine idle (neutral)		12-20 amps	
	Ratio—Gen. 18° Cr/s rev		2.73:1	3.12:1
Regulator	Make		Delco Remy	
	Model		---	
	Type		Micro circuit unit; integral with alternator	
	Cutout relay	Closing voltage @ generator rpm	None	
		Reverse current to open	None	
	Regulated	Voltage	13.8-14.8 @ 85° F	
		Current	---	
	Voltage test conditions	Temperature	Operating	
		Load	3-8 amperes	
		Other	None	

Electrical — Starting System

Starting Motor	Make		Delco Remy	
	Model		1108430	
	Rotation (drive end view)		Clockwise	
Motor Drive	Engagement type		Positive shift solenoid	
	Pinion meshes (front rear)		Rear	
	Number of teeth	Pinion	9	
		Flywheel	Manual	---
	Flywheel tooth face width		Auto.	168
			Manual	---
	Auto.		.4100-.4220	

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Car Line **CHEVROLET**
 Model Year **1974** Issued **9/73** Revised (•)

Engine Displacement

V8-350 C.I. L65		LMI	V8-400 C.I. LF6	LT4	V8-454 C.I. LS4
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Electrical — Ignition System — Distributor

Breaker gap (in.)	.019				
Cam angle (deg.)	29-31			28-32	
Brkr. arm tension (oz.)	19-23				
Distributor	Manual	Not available			
	Automatic	1112844 (1112093)	1112846	1112250 (1112545)	(1112113)
Timing	Manual	-----			
	Automatic	8°BTC @ 600	(8°BTC @ 600)	8°BTC @ 600	10°BTC @ 600

NOTE: Data bracketed () pertains to engines used in California only.

Distributor Model	CENTRIFUGAL ADVANCE Crankshaft Degrees at Engine RPM			VACUUM ADVANCE Crankshaft Deg. at In. of Mercury	
	Start	Intermediate	Maximum	Start	Maximum
1112093	0° @ 900-1300	9° -13 @ 2400	16.20 @ 4200	0° @ 5-7	13.5-16.5 @ 13.5
1112113	0° @ 900-1300	9-13 @ 2400	16-20 @ 4200	0° @ 5-7	18.5 -21.5 @ 15
1112250	0° @ 900-1300	9-13 @ 2400	16-20 @ 4200	0° @ 9-11	8.5-11.5 @ 14.5
1112545	0° @ 700-1300	---	16-20 @ 3900	0° @ 7-9	13.5-19.5 @ 15.5
1112844	0° @ 675-1300	---	18-22 @ 4200	0° @ 2-4	12.5-15.5 @ 8.0
1112846	0° @ 700-1300	---	18-22 @ 4200	0° @ 3-5	13.5-16.5 @ 10

MVMA Specifications Form
Passenger Car

Car Line CHEVROLET
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Engine Displacement

V8-350, 400 & 454 C.I.

Electrical—Ignition System

Type	Conventional - Std., Opt., N.A.	Standard	
	Transistorized - Std., Opt., N.A.	Not available	
	Other (specify)	None	
Coil	Make	Delco Remy	
	Model	1115293	
	Amps	Engine stopped	4.0
		Engine idling	1.8
Spark Plug	Make	AC Spark Plug	
	Model	AC R44T	
	Thread (mm)	14	
	Tightening torque (lb. ft.)	15	
	Gap	.033-.038	
Cable	Conductor type	Linen core impregnated with electrical conducting material	
	Insulation type	Rubber with neoprene jacket	
	Spark plug protector	Neoprene	

Electrical—Suppression

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

Speed-ometer	Type	In-line with pointer
	Trip odometer (std opt., N.A.)	Not available
Charge indicator - type		Tell-tale
Temperature indicator - type		Tell-tale
Oil pressure indicator - type		Tell-tale
Fuel indicator - type		Electric gauge
Wind-shield wiper	Type - Standard	Electric, two-speed
	Type - Optional	None
Wind-shield washer	Type - Standard	Push-button
	Type - Optional	None
Horn	Type	Vibrator
	Number used	Dual-1BN00 models, One (low note) on remainder
	Amp draw (each)	4.5-6.5@12, 5
Other		Restraint system warning light and buzzer Parking brake and brake failure warning light

MVMA Specifications Form Passenger Car

Car Line CHEVROLET
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Engine Displacement

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Drive Units—Clutch (Manual Transmission)

Make & type	
Type pressure plate springs	
Total spring load (lb.)	
No. of clutch driven discs	
Clutch facing	Material
	Outside & inside dia.
	Total eff. area (sq. in.)
	Thickness
	Engagement cushioning method
Release bearing	Type & method of lubrication
Torsional damping	Methods: springs, friction material

NOT AVAILABLE

Drive Units—Transmissions

Manual 3-speed (std., opt., N.A.)	Not available
Manual 4-speed (std., opt., N.A.)	Not available
Automatic (std., opt., N.A.)	Standard

Drive Units — Manual Trans.

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

NOT AVAILABLE

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Engine Displacement

V8-350	V8-400 (LF6)	V8-400(LT4)	V8-454
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Drive Units—Automatic Transmission

Trade name		Turbo Hydra-matic			
Type (describe)		3-Speed Torque converter			
Selector location		Lever, steering column			
Gear Ratios	P	Park		Park	
	R	1.93		2.08	
	N	Neutral		Neutral	
	D	2.52-1.52-1.00		2.48-1.48-1.00	
	L2	2.52-1.52		2.48-1.48	
	L1	2.52		2.48	
●	Max. upshift speed - drive range	75	84	75	75
●	Max. kickdown speed - drive range	71	80	72	67
Torque convertor	Number of elements	3			
	Max. ratio at stall	2.00		2.10	
	Type of cooling (air, liquid)	Water			
	Nominal diameter	11.75		12.20	
Lubricant	Capacity - refill (pt.)	8		9	
	Type recommended	A suffix A			
Special transmission features		---			

Drive Units—Axle

Type (front, rear)		Rear			
Description		Semi-floating axle shafts; overhung hypoid drive pinion and ring gear			
Limited Slip differential, type		Multiple disc			
Drive Pinion Offset		1.75			
No. of differential pinions		Two			
Pinion adjustment (shim, other)		None			
Pinion bearing adj. (shim, other)		Shim			
Wheel bearing type		Taper roller			
Lubricant	Capacity (pt.)	4.25 (8-1/2 ring gear); 4.9 (8-7/8 ring gear)			
	Type recommended	Meeting military specs MIL-L-2105B			
	SAE viscosity number	Summer	SAE 80		
		Winter	SAE 80		
		Extreme cold			

Axle Ratio Tooth Combinations (See page 4 for axle ratio usage)

Axle ratio		2.73	3.08	2.73	3.08	3.42
No. of teeth	Pinion	15	13	15	13	12
	Ring gear	41	40	41	40	41
Ring Gear O. D.		8.50		8.875		

MVMA Specifications Form Passenger Car

Car Line CHEVROLET
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Engine Displacement

Sedans & Coupes	Station Wagons
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Drive Units—Propeller Shaft

Number used		One	
Type (straight tube, tube-in-tube, internal-external damper, etc.)		Straight tube	Swaged tube; internal damper
Outer diam. x length* x wall thickness	Manual 3-speed trans.	Not available	
	Manual 4-speed trans.	Not available	
	Automatic transmission	2.75x56.49x0.065	3.25x59.74x0.065
Inter-mediate bearing	Type (plain, anti-friction)	None	
	Lubrication (fitting, prepack)	--	
Slip Yoke	Type	Yoke	
	Number of teeth	27	
	Spline O. D.	1.176	
Universal joints	Make and Mfg. No.	Saginaw Steering Gear S44-32T	
	Number used	Two (2)	
	Type (ball and trunnion, cross)	Constant velocity-rr; cross-rrt	Cross
	Rear attach. (u-bolt, clamp, etc.)	Flange	
	Bearing	Type (plain, anti-friction)	Anti-friction
Lubric. (fitting, prepack)		Pre-pack	
Drive taken through (torque tube or arms, springs)		Control arms	Rear leaf springs
Torque taken through (torque tube or arms, springs)		Control arms	Rear leaf springs

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

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Car Line CHEVROLET
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Body Type And/Or Engine Displacement, Etc.

All models except station wagons	Station Wagons
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Drive Units — Tires And Wheels (Standard)

TIRES	Size, load range, ply		G78-15B (2+2)	L78-15B or 15C (2+2)	
	Type (bias, radial, etc.)		Bias belted	Bias belted	
	Maximum load inflation pressure (cold)	Front (a)	24	22	
		Rear (a)	28	32	
	Rev./mile @ 45 mph		750	715	
WHEELS	Type & material		Short spoke disc, steel		
	Rim (size & flange type)		15x6		
	Attachment	Type (bolt or stud)	Stud		
		Circle diameter	5.00		
		Number & size	5, 1/2-20UNF-2B hex nuts		
	Spare wheel (same or other)		Same		

Drive Units — Tires And Wheels (Optional)

Size, load range, ply		H78-15B(2+2)(b)	LR78-15C (c)
Type (bias, radial, etc.)		Bias belted	Steel belted radial
Wheel type & material		Same as standard	
Rim (size & flange type)		Same as standard	
Size, load range, ply		HR78-15B	
Type (bias, radial, etc.)		Steel belted radial	
Wheel type & material		Same as standard	
Rim (size & flange type)		Same as standard	
Size, load range, ply			
Type (bias, radial, etc.)			
Wheel type & material			
Rim (size & flange type)			
Size, load range, ply			
Type (bias, radial, etc.)			
Wheel type & material			
Rim (size & flange type)			

Brakes — Parking

Type of control		Apply-foot pedal; release "T" handle
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)	--

- (a) Full rated pressures shown, selective tire pressures are contingent on weight of vehicle.
- (b) Standard tire when V8-454 engine is ordered
- (c) Special suspension and steering components included in radial tire option package.

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Car Line _____
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Steering

Manual (std., opt., NA)		Not available		
Power (std., opt., NA)		Standard		
Adjustable steering wheel (tilt, swing, other)	Type and description	Tilt; Universally jointed steering shaft at base of steering wheel; 5 inch vertical travel range; 6 positions		
	(std., opt., NA)	Optional		
Wheel diameter	Manual	--		
	Power	Oval - 15.25x14.75		
Turning diameter (feet)	Outside front	Wall to wall (l. & r.)	45.2 - sedan and coupe; 46.2 - station wagon	
		Curb to curb (l. & r.)	41.7 sedan and coupe; 42.8 - station wagon	
	Inside rear	Wall to wall (l. & r.)		
		Curb to curb (l. & r.)		
Manual	Gear	Type	--	
		Make	--	
		Ratios	Gear	--
			Overall	--
No. wheel turns (stop to stop)				
Power	Type (coaxial, linkage, etc.)		Integral gear and power piston with vane type pump	
	Make		Saginaw Steering	
	Gear	Type	Semi-reversible, recirculating ball nut	
		Ratios	Gear	15.0:1 on center to 13.0:1
			Overall	17.2:1 on center to 15.6:1
	Pump driven by		Crankshaft pulley belt drive	
No. wheel turns (stop to stop)		3.06		
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.)		9.59 @ 1°	
	Bearings (type)	Upper	Ball stud with non-metallic bearing surface	
		Lower	Ball stud with non-metallic bearing surface	
		Thrust	None	
Whl. Align (range at curb wt. & preferred)	Caster (deg.)		Pl±1°	
	Camber (deg.)		Left: Pl±1° Right: Fl/2°±1°	
	Toe-in (outside track inches)		1/16±1/8	
Steering spindle & joint type		Nodular iron knuckle with upper and lower spherical joints		
Wheel Spindle	Diameter	Inner bearing	1.37455±.00025	
		Outer bearing	0.84325±.00025	
	Thread size		3/4-20 UNEF-3A (modified)	
	Bearing type		Taper roller	

MVMA Specifications Form Passenger Car

Car Line CHEVROLET
 Model Year 1974 Issued 9/73 Revised (•) _____

Body Type And/Or Engine Displacement

Sedans, Coupes & Convertibles	Station Wagons
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Suspension — General

(See Supplement page for details on Air Suspension)

Provision for car leveling	Front stabilizer bar	
Provision for brake dip control	Front suspension geometry	
Provision for acc. squat control	Rear suspension geometry	
Special provisions for car jacking	Position jack in bumper slot on lower face of front and rear bumpers	
Shock absorber front & rear	Type	Direct double acting hydraulic
	Make	Delco
	Piston dia.	1.00
Other special features	Air lift rear shock absorbers optional	

Suspension — Front

Type and description	Independent - SLA type with coil springs	
Travel	Full Jounce	3.32
	Full Rebound	Coil 4.33
Spring	Type (coil, leaf, other)	Coil
	Material	Steel alloy
	Size (coil design height & I.D., bar length x dia.)	Coupes and Sedans 11.0x4.05; 146.09x.698 (a) Station Wagons 11.0x4.05; 137.62x.719 (a)
	Spring rate (lb. per in.)	365 Coupes & Sedans; 440 Station Wagons (a)
Stabilizer	Rate at wheel (lb. per in.)	98.1 Coupes & Sedans; 120.4 Station Wagons (a)
	Type (link, linkless, frameless)	Link
	Material & bar diameter	HR steel; .094 sedans & coupes with radial tires 1.00; 1.125 Sta. Wgns

Suspension — Rear

Type and description	Sedans & Coupes - 4-Link Type; 2 upper and 1 lower control arms	
Drive and torque taken through	Sedans & Coupes - Control arms; station wagons - multiple leaf spring.	
Travel	Full Jounce	4.00 3.10
	Full Rebound	5.62 5.22
Spring	Type (coil, leaf, other)	Sedans & Coupes - coil; station wagons - multiple leaf springs
	Material	Steel alloy
	Size (length x width, coil design height & I.D., bar length & dia.)	Coupes and Sedans 10.0x5.50; 128.5x.567 (a) x Station Wagons 57.00x2.50 (a)
	Spring rate (lb. per in.)	115 Coupes & Sedans; 182 Station Wagons (a)
	Rate at wheel (lb. per in.)	122.2 Coupes & Sedans; 192 Station Wagons (a)
	Mounting insulation type	Natural rubber
Stabilizer	If leaf	Station Wagons - six (6)
	No of leaves	Compression
Stabilizer	Type (link, linkless, frameless)	Link - Sedans & Coupes with Radial Tires
	Material & bar diameter	HR Steel 0.94
Track bar type	----	

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

Passenger Car

Model Year 1974 Issued 9/73 Revised (e)

Body Type					
4-Door Sedan	Sport Sedan	Sport Coupe	Custom Coupe	Convertible	Station Wagon

Frame

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

Separate frame, perimeter type incorporating 3 cross members.

Body -- Miscellaneous Information

Drs. hinged (front, rr.)	Front doors	Front				
	Rear doors	Front				
Type of finish (lacquer, enamel, other)		Acrylic lacquer				
Hood counterbalanced (yes, no)		Yes				
Hood release control (internal, external)		Internal				
Vehicle Indent No. location		Top left of instrument panel pad				
Engine No. location		V8-front right side of engine block				
Theft protection - type		Lock mounted on steering column; locks steering wheel, transmission shift lever and ignition, interlocked with front sequential seat belts				
Vent window control method (crank, friction pivot)	Front	None				
	Rear	None				
Seat cushion type	Front	Formed foam pad				
	Rear	Formed foam pad				
	3rd seat	Formed foam pad				
Seat back type	Front	Formed foam pad				
	Rear	Formed foam pad				
	3rd seat	Formed foam pad				
Windshield glass type (i.e., single curved - laminated plate)		Single curve-laminated plate				
Side glass type (i.e., curved - tempered plate)		Curved-tempered plate				
Backlight glass type (i.e., compound curved - tempered plate, three pieces)		Compound curve-tempered plate, one piece (a)				
Windshield glass exposed surface area	1542.7	1511.4	1511.4	1511.4	1445.1	1542.7
Side glass exposed surface area	1510.1	1557.8	1615.6	1750.8	1531.2	3265.7
Backlight glass exposed surface area	1531.3	1763.1	1303.0	1025.2	738.1	882.1
Total glass exposed surface area	4584.1	4832.3	4430.0	4287.4	3714.4	5690.5

(a) convertible-flat tempered plate glass, one piece.

MVMA Specifications Form

Passenger Car

Car Line CHEVROLET
 Model Year 1974 Issued 9/73 Revised (•) _____

Body Type

Sedans, Coupes & Convertibles	Station Wagons 2 & 3 seat
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Convenience Equipment

Power windows	Side windows	Optional except 1BK models
	Vent windows	NA
	Backlight or tailgate	NA Standard
Power seats (specify type as well as availability)		Optional - 6-way 50/50 power bench seat, models 1BN39, 47, 69 6-way power bench seat except 1BK models
Reclining front seat back (R-L or both)		Included in front seat 50/50 bench option (R)
Radios (specify type as well as availability)		Pushbutton, Optional: AM, AM-FM, AM-FM Stereophonic, AM w/stereo tape, AM-FM Stereo w/Stereo tape.
Rear seat speaker		(1) Optional with AM, AM-FM (2) included in stereo unit
Power antenna		NA
Clock		Standard 1BN models; Optional 1BK & 1BL models
Air conditioner (specify type and availability)		Optional-Four Season, manual controls Optional-Comfortron, automatic temperature control
Speed warning device		NA
Speed control device		Optional
Ignition lock lamp		NA
Dome lamp		Standard-all models except convertible
Glove compartment lamp		Standard
Luggage compartment lamp		Std. 1BL & 1BN; Opt. 1BK models | NA
Underhood lamp		Optional
Courtesy lamp		Std 1BN, Opt 1BK & 1BL
Map lamp		NA
Cornering light lamp		NA
Rear window defroster electrically heated		NA
Rear window defogger		Optional
Dome Reading Lamp		Optional except convertible
Windshield Antenna		Included with factory installed radio also with tinted windshield glass.

Lamp Height And Spacing*

Height above ground to center of bulb or marker	Headlamp (H125)	Highest**	26.41	26.47
		Lowest	26.41	26.47
	Tail (H126)	Highest	24.49	27.61
		Lowest	24.49	27.61
	Sidemarker	Front	28.40	28.46
		Rear	15.08	26.80
Distance from C/L of car to center of bulb	Headlamp	Inside	22.40	
		Outside**	29.50	
	Ta	Inside (a)	13.08	--
		Outside	30.88	31.68
	Directional	Front	36.34	
		Rear (a)	Inside 13.08, Outside 30.88	
				31.68

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

**If single headlamps are used enter here

(a) Inner lamp not used on 1BK69 model.

MVMA Specifications Form
Passenger Car

Car Line **CHEVROLET**
Model Year **1974** Issued **9/73** Revised (•)

Optional Equipment Weights

Equipment Differential Weights	WEIGHT (Pounds)			Remarks
	Front	Rear	Total	
Air Conditioning Comfort.	+ 90	+ 6	+ 96	Used with V8-L65/LMI/LF6/LT4
	+ 97	+ 6	+ 103	Used with V8-LS4
Air Conditioning 4-Season	+ 85	+ 6	+ 91	Used with V8-L65/LMI/LF6/LT4
	+ 92	+ 6	+ 98	Used with V8-LS4
Electric Door Locks	+ 4	+ 3	+ 7	2-Door Models
	+ 8	+ 4	+ 12	4-Door Models
Power Seat	+ 11	+ 9	+ 20	All exc. 1BK69, 35, 45.
Front Seat 50/50 Bench	+ 17	+ 15	+ 32	Models 1BN39, 69
	+ 15	+ 14	+ 29	Model 1BN47
Front & Rear Floor Mats	+ 5	+ 6	+ 11	
Vinyl Roof Cover	+ 2	+ 5	+ 7	All exc. station wagons
	+ 3	+ 6	+ 9	Station Wagons
Power Windows	± 12	± 10	± 22	2-Door Models 1BL57, 1BN67
	± 7	± 4	± 11	2-Door Models 1BL, 1BN47
	± 10	± 9	± 19	4-Door Models 1BL, 1BN35, 39, 45, 69
Wire Wheel Trim Covers	+ 11	+ 11	+ 22	1BK-1BL00 Models
	+ 10	+ 10	+ 20	1BN00 Models
Heavy Duty Battery	+ 2	0	+ 2	
Radio AM Push Button	+ 4	+ 2	+ 6	
Radio AM/FM Push Button	+ 6	+ 2	+ 8	
Radio AM/FM Stereo.	+ 12	+ 3	+ 15	
Radio AM Push Button & Tape	+ 15	+ 5	+ 20	
Radio AM/FM P/B & Tape	+ 16	+ 5	+ 21	
Bumper Impact Strips, PVC-Front & Rear	+ 8	+ 4	+ 12	All exc. Station Wagons
	+ 6	0	+ 6	Station Wagons
Bumper Guards Front & Rear	+ 8	+ 4	+ 12	All exc. Station Wagons
	+ 8	+ 2	+ 10	Station Wagons
Roof Luggage Carrier	0	+ 15	+ 15	Station Wagons
400 Cu. In. LF6	+ 12	+ 2	+ 14	Optional Bel Air, Impala Coupes & Sedans
400 Cu. In. LT4	+ 16	+ 2	+ 18	Optional-(California only) all models except station wagons (base on St. Wags)
454 Cu. In. LS4	+ 187	+ 57	+ 244	Bel Air & Impala Coupes & Sedans
	+ 177	+ 54	+ 232	Caprice Classic
	+ 167	+ 59	+ 226	All Station Wagons

MVMA Specifications Form
Passenger Car

Car Line CHEVROLET
 Model Year 1974 Issued 9/73 Revised (e) _____

Body Type

Vehicle Fiducial Marks

Fiducial Mark
 Number *

Define Coordinate Location

- | | |
|-------|---|
| Front | <p>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.</p> <p>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.</p> <p>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.</p> |
| Rear | <p>X - Fiducial Mark to Centerline of Car - Rear,
 Width measurement made from centerline of car to fiducial mark located on the rear underbody crossbar.</p> <p>Y - Fiducial Mark to Vertical Body Zero Line - Rear,
 Measured horizontally from body zero line to the rear fiducial mark located on rear underbody crossbar.</p> <p>Z - Fiducial Mark to Horizontal Body Zero Line - Rear,
 Measured vertically from body zero line to the rear fiducial mark located on the rear underbody crossbar.</p> |

Fiducial
 Mark
 Number

Coordinate Location of
 Fiducial Mark

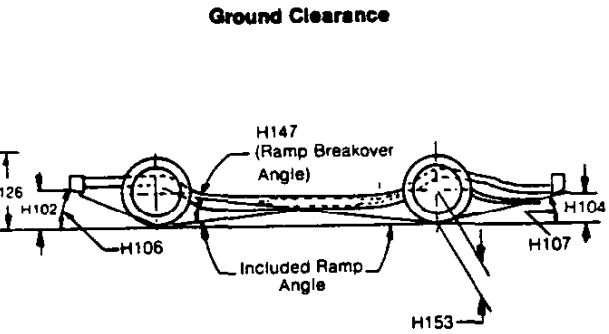
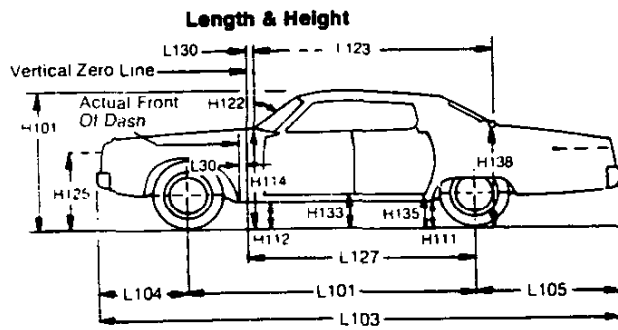
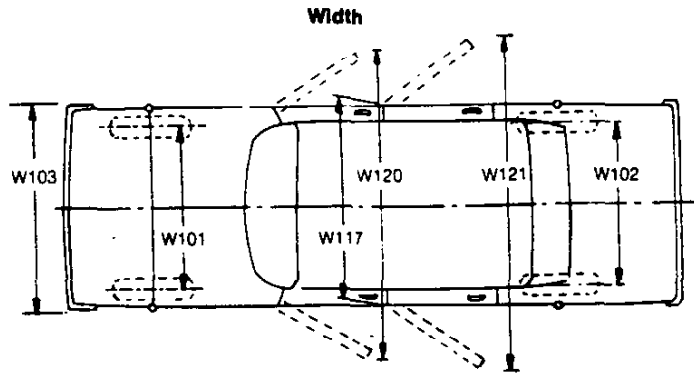
Fiducial Mark
 to Ground
 at **Design**

Front	X	Y	Z	Coupes & Sedans	10.95
	20.70	30.25	5.03	Station Wagons	11.51
Rear	X	Y	Z	Coupes & Sedans	14.51
	Sedan & Coupe	22.25	142.75	9.32	14.51
	Station Wagons	19.92	136.35	8.90	15.34

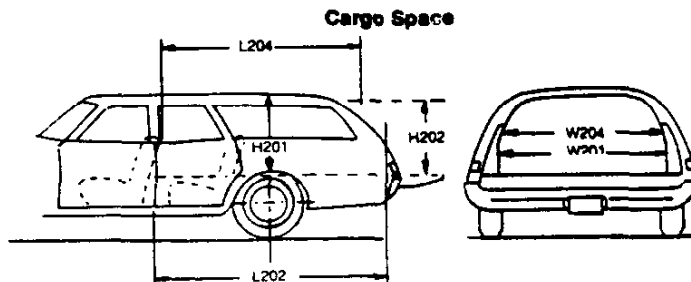
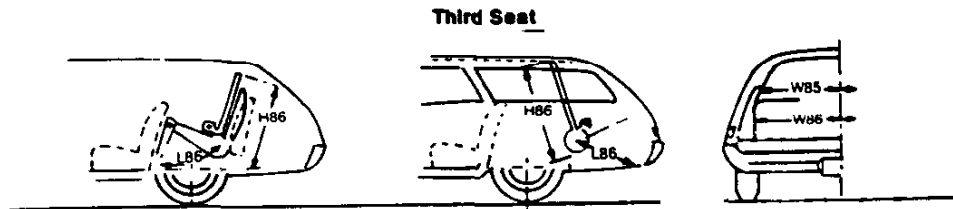
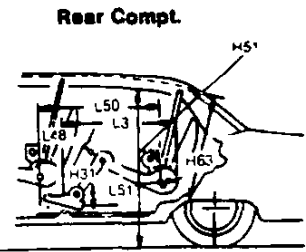
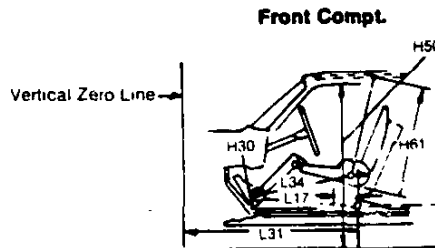
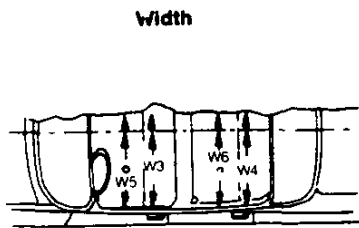
* Reference — SAE Recommended Practice, J182

MVMA Specifications Form Passenger Car

Exterior Car And Body Dimensions — Key Sheet



Interior Car And Body Dimensions — Key Sheet



Passenger Car

Exterior Car And Body Dimensions — Key Sheet Dimension Definitions

Width Dimensions

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

Length Dimensions

- L30 VERTICAL ZERO LINE TO ACTUAL FRONT OF DASH. If actual Front of Dash is to the rear of Body Zero Line, it is identified by a minus (—) sign.
- L101 WHEELBASE.
- L103 OVERALL LENGTH. Include bumper guards if standard equipment.
- L104 OVERHANG — FRONT. Measured from C/L of front wheels to front of car, including bumper guards if standard equipment.
- L105 OVERHANG — REAR. Measured from C/L of rear wheels to rear of car, including bumper guards if standard equipment.
- L123 BODY UPPER STRUCTURE LENGTH AT CAR CENTERLINE. The horizontal dimension from the Cowl Point to the Deck Point.
- L127 VERTICAL ZERO LINE TO CENTERLINE OF REAR WHEELS. A horizontal dimension.
- L130 VERTICAL ZERO LINE TO WINDSHIELD COWL POINT. The horizontal dimension from the vertical zero line to the theoretical intersection of extended windshield glass plane and normal cowl surface.

Height Dimensions

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

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

Ground Clearance Dimensions

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

MVMA Specifications Form Passenger Car

Interior Car And Body Dimensions — Key Sheet Dimension Definitions

Front Compartment Dimensions

- L31 H POINT TO VERTICAL ZERO LINE — FRONT. 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.
- 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.
- H50 UPPER BODY OPENING TO GROUND — FRONT. The vertical dimension from a point on the trimmed body opening to the ground, measured at the H Point station.

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.
- 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.

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 wheel housings 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.

W4xL204xH201
1728

MVMA Specifications Form

Passenger Car

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Frame	24	Vehicle Identification Number	24
Front Suspension	23	Voltage Regulator	14
Fuel, Fuel Pump, Fuel System	5, 10, 13	Water Pump	11
Fuel Injection	10	Weights	26, 27
Generator and Regulator	14	Wheel Alignment	22
Glass	24	Wheelbase	2
Height (Lamps)	25	Wheels & Tires	20
Headroom — Body	3	Wheel Spindle	22
Heights — Car and Body	2	Widths — Car and Body	2
Horns	16	Windshield	24
Horsepower — Brake	4	Windshield Wiper and Washer	16
Ignition System	15		
Inflation — Tires	20		
Instruments	16		

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