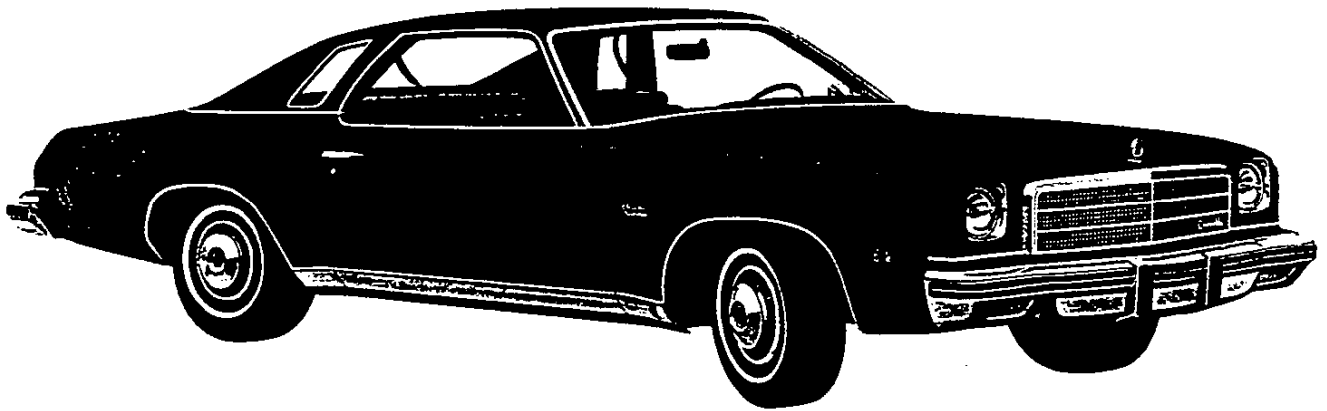




1974



CHEVROLET

CHEVELLE



1
2



1974 Chevelle Sedans and Coupes

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Malibu Classic Coupe and Laguna Type S-3 available only with the vinyl roof option until early 1974.

Malibu Classic Landau

(In addition to Malibu Classic features)

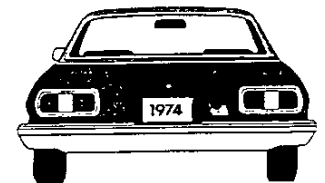
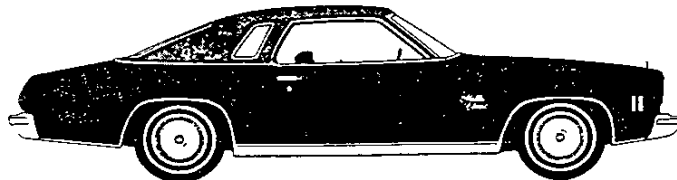
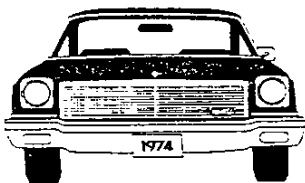
- Special Landau vinyl roof cover
- Body-colored roof outline moldings
- Landau rear quarter nameplate
- Black or white fender accent striping
- Left-hand remote control and right-hand manual body-colored sport mirrors
- Distinctive wheel covers
- Resilient front and rear bumper impact strips

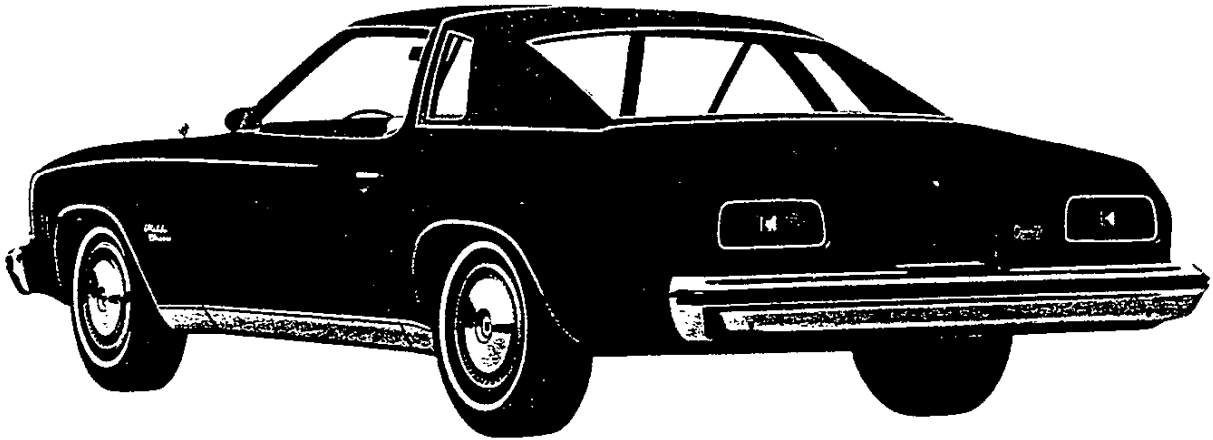
Malibu Classic

- Silver-accented grid-pattern grille with hood ornament
- Distinctive roof shape on Coupes with coach windows in each rear quarter
- Parking lights built in bumper and center license plate location
- Bright wheel opening moldings
- Hood rear edge molding
- Bright roof drip moldings
- Bright body sill molding
- Bright aluminum hub caps
- Dual-unit taillights with bright accents
- Luxurious full-width front seat with fold-down center armrest
- Doors and sidewalls are styled in matching cloth or vinyl panels to complement seat trim
- Color-keyed cut-pile carpeting on floor
- Soft rim steering wheel with cushioned center
- Color-keyed instrument cluster with rectangular dials and wood-grain vinyl accents
- Color-keyed steering wheel and column
- Molded full foam front and rear seat construction
- Flow-through power ventilation system
- Inside hood release
- Cigarette lighter
- Glove compartment lock and light
- Center dome light
- Front door automatic dome light switches
- Armrests front and rear
- Luggage compartment mat

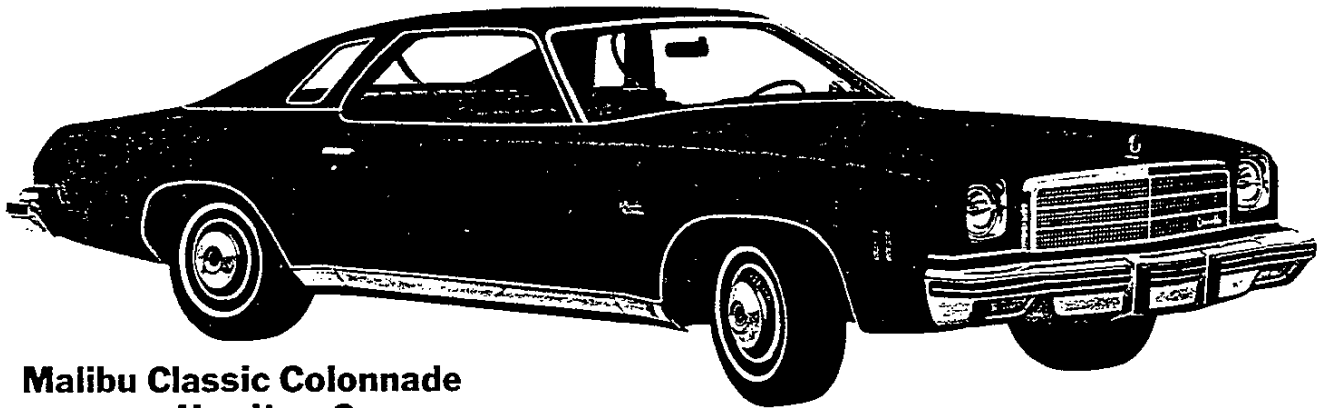
Appearance features available for Malibu Classic include: vinyl roof cover; body side molding with black vinyl insert; exterior decor package; Turbine I or Rally wheels; full wheel covers; white stripe tires.

Malibu Classic Coupe available only with the vinyl roof option until early 1974.

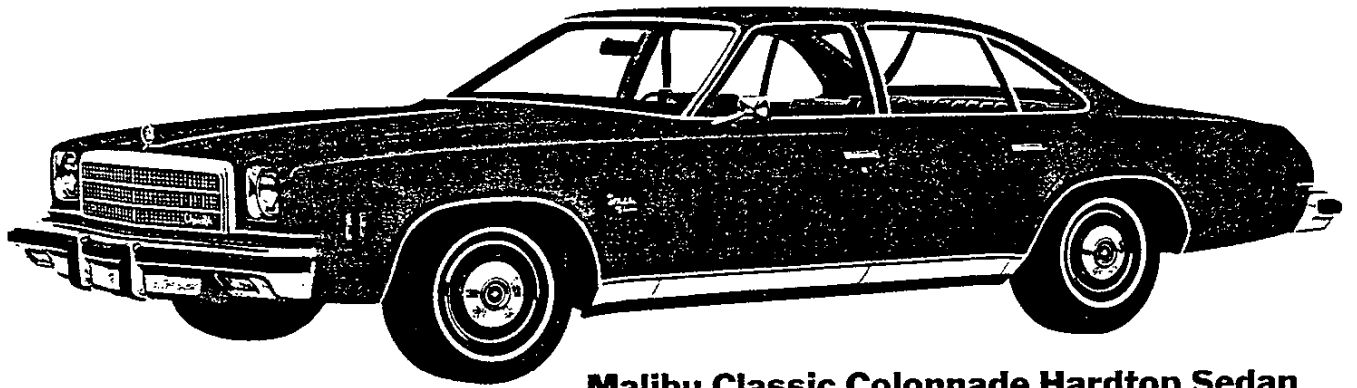




Malibu Classic Colonnade Hardtop Landau Coupe



**Malibu Classic Colonnade
Hardtop Coupe**



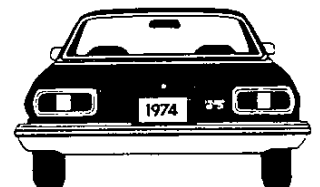
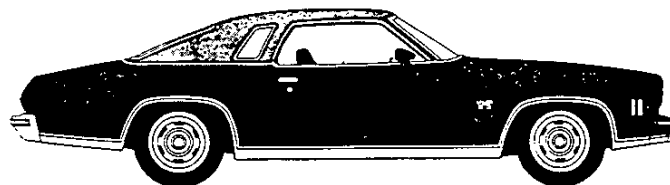
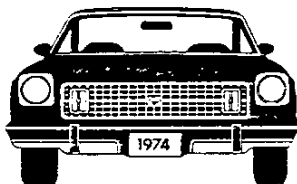
Malibu Classic Colonnade Hardtop Sedan

Laguna Type S-3

- Special silver-accented grid pattern grille with horizontal center bar and built-in parking lights
- Resilient body-color front end and bright rear bumper
- Resilient color-keyed bumper impact strips
- Front and rear bumper guards
- Distinctive roof shape with coach windows in each rear quarter
- Bright grille outline molding
- Hood rear edge molding
- Bright roof drip molding
- Special accent striping
- 15 x 7 Rally wheels with GR70-15B blackwall steel-belted radial ply tires
- Dual-unit rectangular taillights with bright accents
- Special Type S-3 interior and exterior identification
- Special interior trim including color-keyed 4-spoke sport steering wheel and column, instrument cluster with round dials and wood-grain vinyl accents
- Color-keyed cut-pile carpeting on floor
- Soft rim steering wheel with cushioned center
- Swing-out Strato-bucket seats
- All-vinyl door and quarter trim panels
- Molded full foam front and rear seat construction
- Flow-through power ventilation system
- Inside hood release
- Cigarette lighter
- Glove compartment lock and light
- Center dome light
- Front door automatic dome light switches
- Armrests front and rear
- Luggage compartment mat
- Variable-ratio power steering
- Special chassis equipment including special front and rear stabilizers, rear suspension upper control arm bushings, front and rear springs and shock absorbers

Appearance features available for Laguna include: vinyl roof cover; body side molding with black vinyl insert; white stripe or white lettered tires.

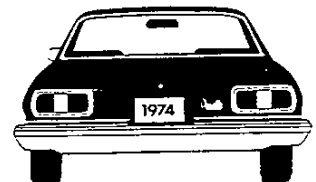
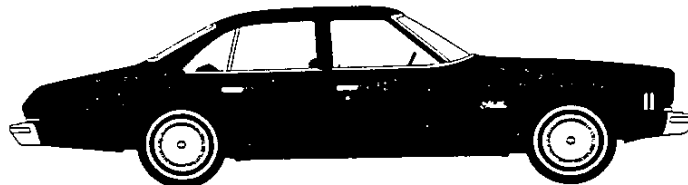
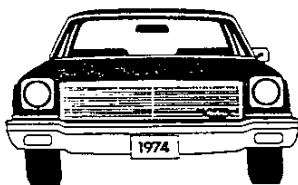
Laguna Type S-3 available only with the vinyl roof option until early 1974. The only interior/exterior color combination available at the start of production will be Dark Red cloth seats in an Antique White exterior with Dark Red vinyl roof and Red striping.



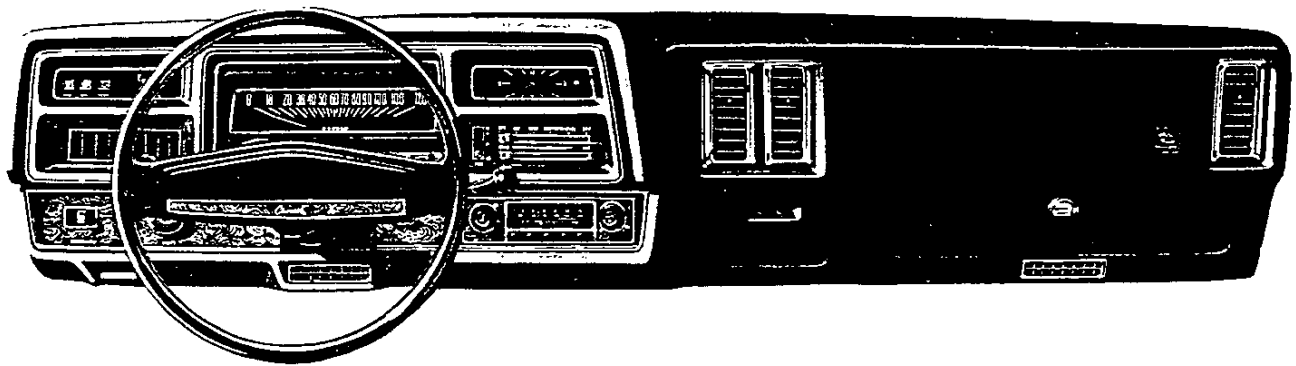
Malibu

- Silver-accented grid-pattern grille
- Parking lights built in bumper and center license plate location
- Hood rear edge molding
- Bright aluminum hub caps
- Rectangular dual-unit taillights
- Color-keyed cut-pile carpeting on floor
- Soft rim steering wheel with cushioned center
- Molded full foam front and rear seat construction
- Flow-through power ventilation system
- Inside hood release
- Cigarette lighter
- Glove compartment lock
- Center dome light
- Front door automatic dome light switches
- Armrests front and rear
- Luggage compartment mat
- All-vinyl door and quarter trim panels

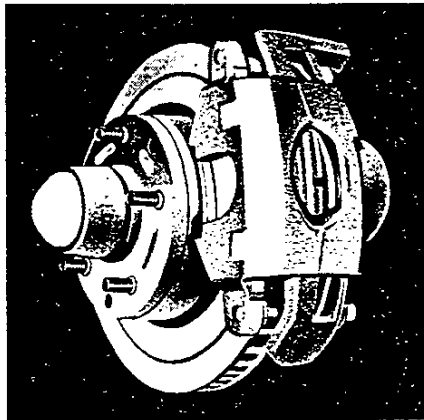
Appearance features available for Malibu include: vinyl roof cover; body side molding with black vinyl insert; exterior decor package; Turbine I or Rally wheels; full wheel covers; white stripe tires.



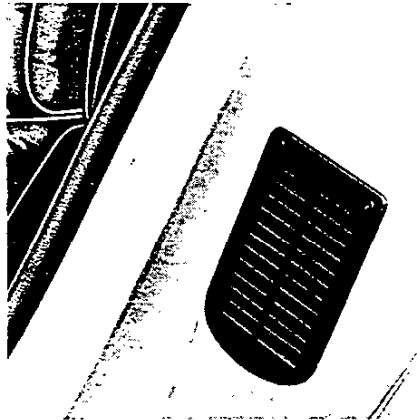
Major Features—Standard on 1974 Chevelles



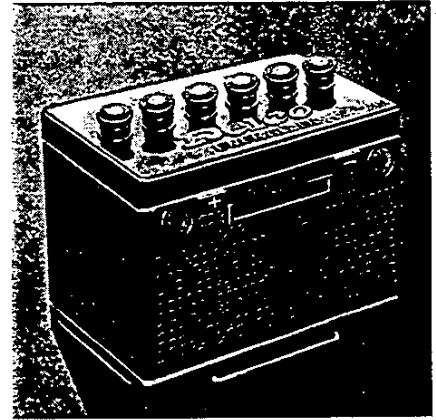
Energy-absorbing padded instrument panel



Front disc/rear drum brake system



Flow-through power ventilation system

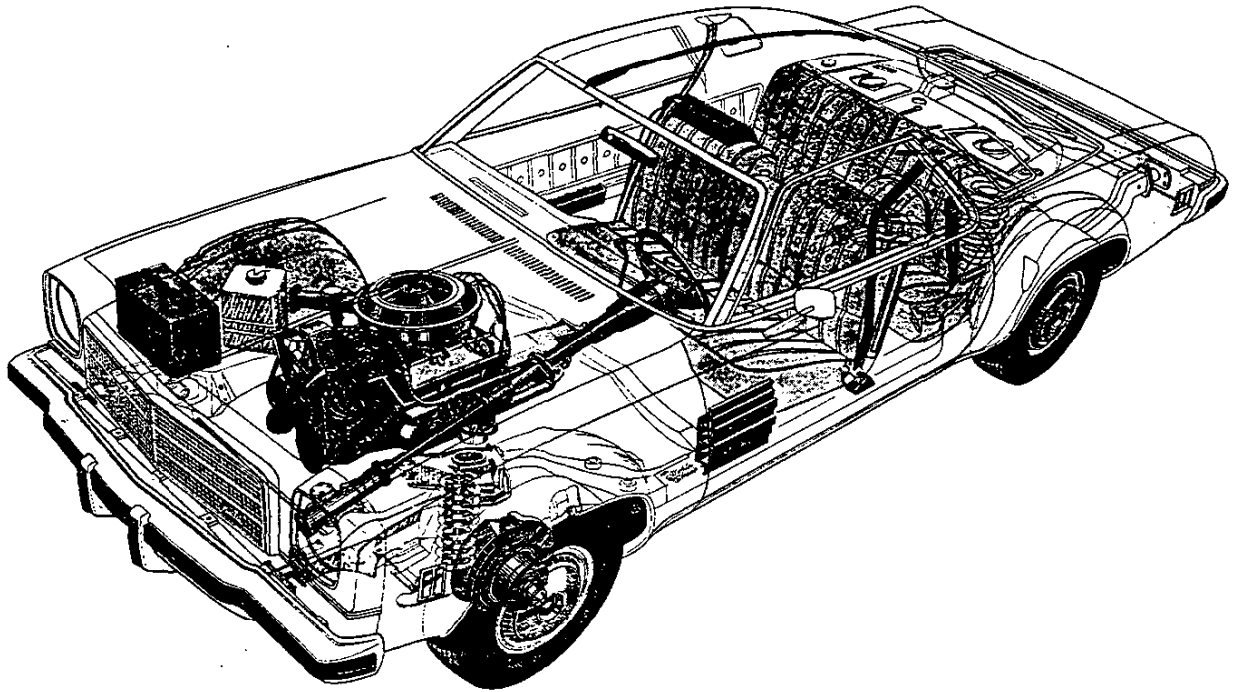


Sealed side-terminal Energizer battery

- New exterior appearance and styling motif
- Improved front and rear bumper system with twin hydraulic cylinders
- Hide-A-Way windshield wipers
- Frameless full door-glass styling
- Curved side windows
- Thin-pillar windshield styling
- Flow-through power ventilation
- Soft rim steering wheel with cushioned center
- Foot-operated parking brake
- Molded full foam front and rear seat cushion and backrest
- Sequential front seat belt and ignition interlock system
- Efficient valve-in-head engine

- Fuel evaporation control system
- Sealed side-terminal Energizer battery
- Flame arrestor battery caps
- Quiet hydraulic valve lifters
- Automatic choke on all engines
- Positive-shift starter
- Delcotron generator with built-in solid-state regulator
- Double-panel roof
- Flush-styled outside door handles
- Dual-speed electric windshield wipers with illuminated control
- Built-in blended-air heater and defroster system
- Cargo-Guard luggage compartment bulkhead
- Double-panel door, hood, and deck lid construction

- Open body sill design
- Inner fenders front and rear
- Magic-Mirror acrylic lacquer finish
- Full Coil suspension system with front stabilizer
- Computer-selected springs
- Disc/drum brake system with manual front disc brakes and finned rear drums
- Front disc brake audible wear sensors signal need for lining replacement
- Wear indicator for visual check of ball-joint condition
- Self-adjusting brakes
- Bias belted ply tires
- Separate perimeter-type frame

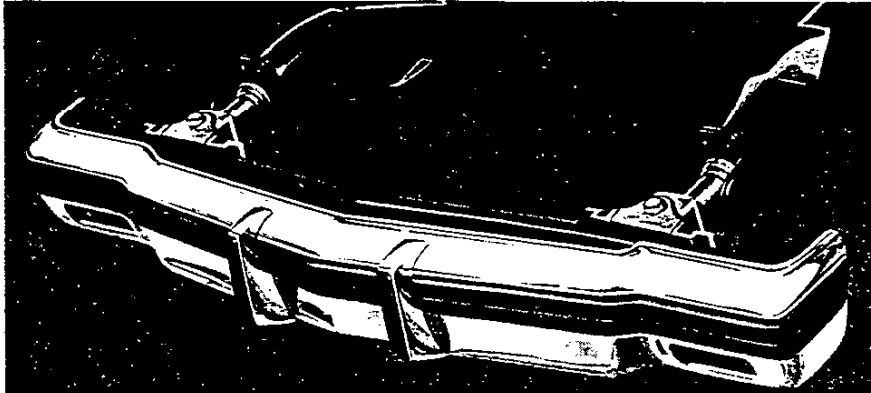


Here are some of the many styling, comfort, engineering and security features of the 1974 Chevelle that may not be on your present car.

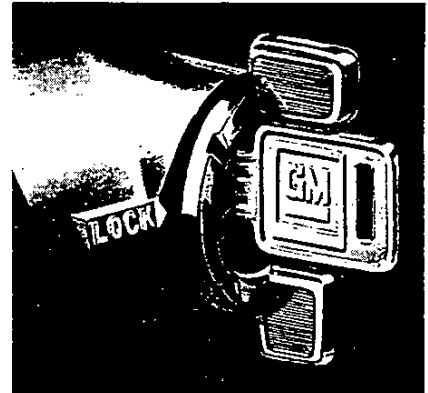
	STANDARD EQUIPMENT				
	'74	'73	'72	'71	'70
Full door-glass styling on front doors	X	X	X*	X*	X*
Hide-A-Way windshield wipers	X	X	X**	X**	X**
Side-Guard beams	X	X	X	X	X
Improved front bumper system with twin hydraulic cylinders	X	X			
Improved rear bumper system with twin hydraulic cylinders and resilient urethane body filler panel	X				
Soft rim steering wheel with cushioned center	X	X			
Cut-pile carpet floor covering	X				
Double-panel roof construction	X	X			
Rust-resistant open body sill construction	X	X			
Front suspension lower control arm ball joint wear indicator	X				
Bias belted ply tires	X	X	X	X	X
Advanced emission control system	X	X	X		
Sequential front seat belt and ignition interlock system	X				
Sealed side-terminal battery	X	X	X		
All engines run on low-lead or no-lead or regular gasoline	X	X	X		
22-gallon fuel tank	X	X			
Full Coil suspension system	X	X			
Front disc brakes	X	X			
Front disc brake audible wear sensors signal need for lining replacement	X				
Molded full foam front seat	X	X	X	X	
Molded full foam rear seat	X	X			
Flow-through power ventilation system	X	X			

*Sport Coupe and Convertible models only
 **Malibu models only

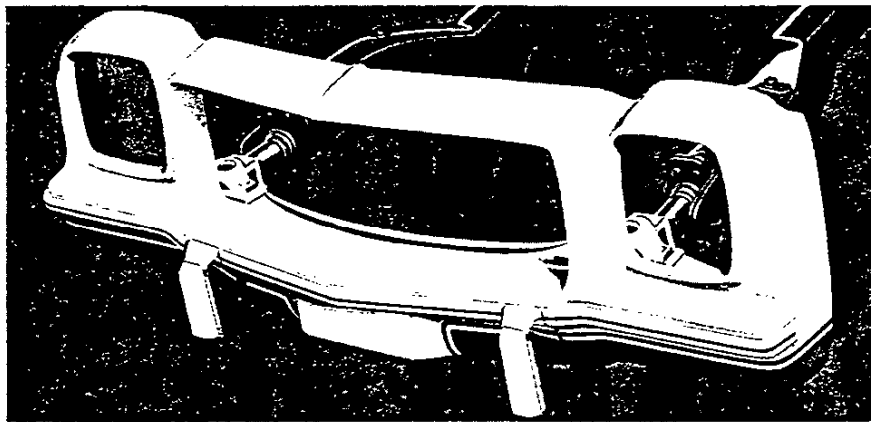
Chevelle Safety and Security Features



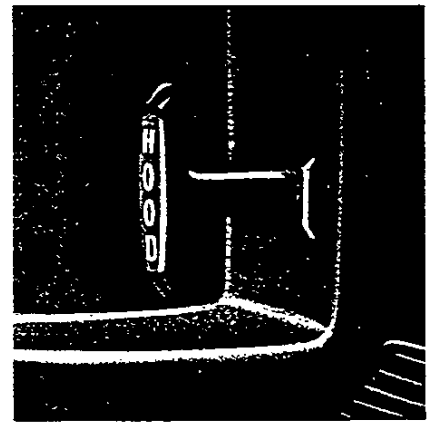
All Chevelle models feature improved front and rear bumper systems with twin hydraulic cylinders



Anti-theft steering column lock



Laguna Type S-3 front bumper system includes urethane front end which resists chips, cracks, dents and scratches



Inside hood latch release

Occupant Protection Features

- Seat belts with pushbutton buckles for all passenger positions
- Two front combination seat and shoulder belts for driver and right front passenger (with reminder light and buzzer, inertia reel and starter interlock)
- Two front seat head restraints
- Energy-absorbing steering column
- Passenger-guard door locks
- Safety door latches and hinges
- Folding seat back latches
- Energy-absorbing padded instrument panel and front seat back tops
- Contoured windshield header
- Thick-laminate windshield
- Padded sun visors
- Safety armrests
- Safety steering wheel
- Side-Guard beams
- Cargo-Guard luggage compartment
- Contoured full roof inner panel
- Fuel tank impact security
- Glove compartment door latch impact security
- Smooth-contoured door and window regulator handles

- Soft, low-profile window control knobs, coat hooks, dome light
- Automatic locking front and rear outboard seat belt retractors
- Shoulder belt anchorages for rear seat outboard occupants
- Pressure lock radiator cap
- High-strength front seat anchorages and construction
- High-strength rear seat retention
- Stamped steel door hinges

Accident Prevention Features

- Side marker lights and reflectors (front side marker lights flash with directional signal)
- Parking lights that illuminate with headlights
- Four-way hazard warning flasher
- Back-up lights
- Lane-change feature in direction signal control
- Windshield defrosters, washer and dual-speed wipers
- Wide-view inside day-night mirror (vinyl-edged, shatter-resistant glass and deflecting support)
- Outside rearview mirror
- Dual master cylinder brake system with warning light

- Starter safety switch
- Dual-action safety hood latches
- Improved bumper systems
- Headlight aiming access provision
- Low-glare instrument panel top, inside windshield moldings, wiper arms and blades, and steering wheel metallic surfaces
- Safety wheel rims
- Uniform shift quadrant
- No winged wheel nuts, discs and caps
- Self-adjusting brakes
- Illumination of windshield wiper and washer, heater and defroster controls
- Flame-arresting battery vent caps
- Flame-retardant interior materials

Anti-Theft Features

- Anti-theft ignition key warning buzzer
- Anti-theft steering column lock
- Inside hood latch release
- Anti-theft key system (one key for ignition only, other key for glove compartment, doors, and trunk)
- Visible vehicle identification
- Tamper-resistant odometer

Chevelle Equipment Summary

Exterior	Laguna Type S-3	Malibu Classic	Malibu
Special grille with built-in parking lights	S	NA	NA
Resilient body-color front end with impact strip	S	NA	NA
Bright-accented grille with bright outline molding	NA	S	S
Bright bumper with built-in parking lights	NA	S	S
Full wheel covers (in place of hub caps)	NA	EC*	EC
Sport mirrors (LH remote control, RH manual)	S	EC*	EC
Remote-control outside rearview mirror (LH)	NA	EC	EC
Bright wheel opening moldings	NA	S	EC†
Vinyl roof cover with outline moldings	EC	EC†	EC
Bright lower body molding	NA	S	NA
Bright taillight accents	S	S	NA
Deluxe bumpers with guards and impact strips	S	EC*	EC
Bright roof drip molding	S	S	EC†
Exterior decor package	S	EC	EC

Interior

Color-keyed steering wheel and column	S	S	NA
Wood-grain accents on instrument panel	S	S	NA
Cut-pile carpet floor covering	S	S	S
Luxury front seat with fold-down center armrest	NA	S	NA
Swing-out Strato-bucket front seats for Coupes	S	EC	EC

Chassis

Power steering	S	EC(1)	EC(1)
Special front and rear suspension	S	EC(2)	EC(2)
Rally wheels with bright trim rings	S	EC(3)	EC(3)
Turbine I wheels	NA	EC(4)	EC(4)
Turbo-Fire 350-2 engine	S	S	S
Turbo-Thrift 250 engine	NA	S	S

- (1) Required with Turbo-Jet 454 V8
 (2) Included with radial ply tires
 (3) Requires radial ply tires
 (4) Not available with radial ply tires

S—Standard
 EC—Extra Cost
 NA—Not Available

† Available only when exterior decor package is ordered
 * Included with Landau model

Chevelle Power Teams

Transmissions and rear axle ratios (:1)

	Engine RPO	3-Speed Manual		4-Speed Manual	Turbo Hydra-matic (RPO M40)	
		Std. (2.54:1 low)	Std. (2.85:1 low)	RPO M21 (2.20:1 low)	Std.	Trailering or High Altitude† (RPO YD1)
Turbo-Thrift 250*	Std. (3)	3.08	—	—	3.08	—
Turbo-Fire 350-2	Std. (1)	—	3.08	—	2.73	3.42
Turbo-Fire 350-4	LM1 (2)	—	3.08	—	2.73	3.42
Turbo-Fire 400-2	LF6 (1)	—	—	—	2.73	3.42
Turbo-Fire 400-4	LT4 (2)	—	—	—	2.73	3.42
Turbo-Jet 454-4	LS4 (3,4,5,6)	—	—	3.42	2.73	3.42

*Available for Malibu Classic and Malibu models only.

- (1) Not available in State of California.
- (2) Available only when California emission equipment is ordered.
- (3) California emission equipment required in State of California.
- (4) Available only with power brakes, heavy-duty battery, and power steering.
- (5) H78-14B or HR70-15B tires required with air conditioning.
- (6) HR70-15B tires required on Laguna Type S-3

Note: Positraction rear axle (RPO G80) available in all axle ratios.

■ Available only with special front and rear suspension (RPO F40)—except on Laguna Type S-3, or on Malibu Classic and Malibu models equipped with radial ply tires.
† Not available on Laguna Type S-3. Requires special front and rear suspension (RPO F40).

Engine Specifications

Engine	Turbo-Thrift 250	Turbo-Fire 350-2	Turbo-Fire 350-4	Turbo-Fire 400-2	Turbo-Fire 400-4	Turbo-Jet 454-4
Type	Six	V8	V8	V8	V8	V8
Displacement (cu. in.)	250	350	350	400	400	454
Bore x Stroke (in.)	3.875 x 3.53	4.00 x 3.48	4.00 x 3.48	4.125 x 3.75	4.125 x 3.75	4.25 x 4.00
HP @ RPM	100 @ 3600	145 @ 3800	160 @ 3800	150 @ 3200	180 @ 3800	235 @ 4000
Torque @ RPM	175 @ 1800	250 @ 2200	245 @ 2400	295 @ 2000	290 @ 2400	360 @ 2800
Compression ratio	8.25:1	8.5:1	8.5:1	8.5:1	8.5:1	8.25:1
Carburetion	1-barrel	2-barrel	4-barrel	2-barrel	4-barrel	4-barrel
Exhaust system	single	single	single	single	single	dual

Note: Horsepower and Torque ratings are SAE net as installed

Transmissions	Engine	Transmission gear ratios (:1)					Shift selector		
		1	2	3	4	R	Column	Floor	Console*
3-Speed Fully Synchronized (Standard)	Std. 6	2.85	1.68	1.00		2.95	X		
	Std. V8 and LMI	2.54	1.50	1.00		2.63			
4-Speed Fully Synchronized (RPO M21)	LS4 V8	2.20	1.64	1.27	1.00	2.26		X	X
Turbo Hydra-matic (RPO M40)	Std. 6 and V8	Drive (max.)—5.29:1 to 1:1 Low 2—5.29:1 to 1.52:1 Low 1—5.29:1 to 2.52:1 Reverse—4.05:1 to 1.93:1					X		X
	LM1 V8 LF6 V8	Drive (max.)—5.21:1 to 1:1 Low 2—5.21:1 to 1.48:1 Low 1—5.21:1 to 2.48:1 Reverse—4.37:1 to 2.08:1							

*Optional at extra cost.

Clutch Details

Clutch Details	Standard Six	Standard V8 and LMI V8	LS4 V8
	3-Speed	3-Speed	4-Speed
Clutch Type	diaphragm spring [▲]	semi-centrifugal bent-finger diaphragm spring [▲]	
Disc facing material		woven asbestos	
Disc facing outside diameter (in.)	9.12	10.34	11.00
Disc facing total area (sq. in.)	71.82	101.54	123.70
Spring effective plate load (lbs.)	1650-1850	2100-2300	2450-2750

▲With single dry disc.

Chevelle Selected Options

Description	RPO Number	Laguna Type S-3	Malibu Classic	Malibu
Air conditioning: Four-Season. V8 models only. Available only when power brakes are ordered. Includes 61-amp generator and increased cooling.	C60	X	X	X
Battery, heavy-duty—4000-watt rating	UA1	X	X	X
Belts, Custom Deluxe seat and shoulder. Includes brushed metal buckles and color-keyed belts. Coupe or Sedan models with bench seat—6 seat and 2 front shoulder	AK1	X	X	X
Coupe models with bucket seats—5 seat and 2 front shoulder	AK1	X	X	X
Brakes, power	J50	X	X	X
Bumper equipment—front and rear: Deluxe bumpers. Standard on Malibu Classic Landau. Includes black resilient impact strips	VE5	Std.	X	X
Bumper Guards	V30	Std.	X	X
California emission equipment	YF5	X	X	X
Clock, electric. Included when special instrumentation is ordered	U35	X	X	X
Cooling equipment: Heavy-duty radiator. Includes extra heavy-duty cooling	V01	X	X	X
Decor, exterior package. Includes wheel opening, roof drip and taillight moldings if not already standard	YJ9	Std.	X	X
Defogger, rear window (forced-air)	C50	X	X	X
Door lock system, power	AU3	X	X	X
Generator, 61-amp Delcotron. Included when air conditioning is ordered	K76	X	X	X
Glass, Soft Ray tinted—all windows	A01	X	X	X
Instrumentation, special—V8 Coupe models only. Includes clock, tachometer, ammeter and temperature gauges mounted in instrument panel	U14	X	X	X
Lighting, auxiliary. Includes:	ZJ9	X	X	X
Ashtray light		X	X	X
Courtesy lights		X	X	X
Glove compartment light		X	X	X
Luggage compartment light		X	X	X
Mirror map light (without Sky Roof)		X	X	X
Underhood light		X	X	X
Litter container	D24	X	X	X
Mats, color-keyed floor—2 front and 2 rear	B37	X	X	X
Mirrors:				
Remote-control outside rearview, LH. Not available on Malibu Classic Landau or when sport mirrors are ordered	D33	NA	X	X
Sport. LH remote-control and RH manual: Standard on Malibu Classic Landau	D35	Std.	X	X
Visor vanity, RH	D34	X	X	X
Moldings:				
Body side. Includes vinyl insert	B84	X	X	X
Door edge guard	B93	X	X	X

NA—Not Available

Selected Options (continued)

Description	RPO Number	Laguna Type S-3	Malibu Classic	Malibu
Paints, exterior two-tone. Includes bright outline moldings	...	X	X	X
Radio equipment (all radios include windshield antenna):				
AM radio	U63	X	X	X
AM/FM radio	U69	X	X	X
AM/FM/stereo radio	U58	X	X	X
Rear speaker. Not available when stereo is ordered	U80	X	X	X
Stereo tape system with AM radio	UM1	X	X	X
Stereo tape system with AM/FM/stereo radio	UM2	X	X	X
Roof cover, vinyl. Standard on Landau	...	X	X	X
Roof, Sky. Power sliding metal top. Coupes only	CA1	X	X	X
Seat Equipment:				
Console. V8 Coupe models only. Available only when bucket seats are ordered. Includes compartment. Shift lever mounted in console	D55	X	X	NA
Strato-bucket swing-out type. Coupes only	...	Std.	X	X
Power front seat for full-width seat. 6-way control	A42	NA	X	NA
Steering, power—variable-ratio	N41	Std.	X	X
Steering wheel, Comfortilt. Available only when optional transmission is ordered	N33	X	X	X
Suspension equipment:				
Special front and rear suspension. Includes front and rear springs and matching shock absorbers	F40	X	X	X
Trim, interior (see color and trim chart)				
Wheel equipment:				
Full wheel covers. Standard on Malibu Classic Landau	PO1	NA	X	X
Rally wheels. Available only with GR70-15B or HR70-15B tires. Includes styled wheels, special hub caps and trim rings	ZJ7	Std.	NA	NA
Turbine I wheels. Not available when 15" steel-belted radial tires are ordered. Includes styled 14" x 7" wheels and special center caps	PE1	NA	X	X
Wire wheel covers	N95	X	X	X
Windows, power	A31	X	X	NA

Tires

6-cylinder models only:				
E78-14B bias belted ply white stripe	QEH	NA	X	X
G78-14B bias belted ply white stripe	QGL	NA	X	X
V8 models only:				
G78-14B bias belted ply white stripe	QGL	NA	X	X
G70-14B bias belted ply white lettered	QGF	NA	X	X
H78-14B bias belted ply white stripe. Not available with 4-speed transmission	QHF	NA	X	X
GR78-15B steel-belted radial ply white stripe	QDR	NA	X	X
GR70-15B steel-belted radial ply blackwall	QRN*	Std.	X	X
GR70-15B steel-belted radial ply white stripe	QRM*	X	X	X
GR70-15B steel-belted radial ply white lettered	QRZ*	X	X	X
HR70-15B steel-belted radial ply blackwall	QRV*	X	X	X
HR70-15B steel-belted radial ply white stripe	QQZ*	X	X	X

*Includes radial-tuned suspension. Power steering (RPO N41) required.

NA—Not Available

Laguna Type S-3 Trim Charts

PLEASE NOTE: The exterior color, exterior striping and interior trim color combinations shown below are the only combinations available.

Orders which specify a choice other than one of the approved combinations can not be processed until modified by the dealer to reflect a released paint, striping and interior trim color combination.

Doors, Sidewalls and Headlining	Black	Black	Red (Dark)	Saddle (Med.)
Seat Color	Black	Black	Red	Saddle
Instrument Panel Pad	Black	Black	Red	Saddle
Floor Covering	Black	Black	Red	Saddle
	Cloth Bucket	CBB2	CHH2	CSS2
	Sport Cloth Bucket		MBB2	
	Vinyl Bucket	VBB2	VHH2	VSS2

Laguna Type S-3 available only with the vinyl roof option until early 1974. The only interior/exterior color combination available at the start of production will be Dark Red cloth seats in an Antique White exterior with Dark Red vinyl roof and Red striping.

Available Exterior and Stripe Color Combinations

Exterior Body Color		Stripes						
Lower	Upper (Select One)	Code						
Color	Paint Code	Color	Code					
		Paint	Vinyl Roof					
Black, Tuxedo	19	Black, Tuxedo	19 BB	Brown, Golden 59A	X			X
		Red (Dark)	-- HH	Red 74A	X	X	X	
		Saddle	-- RR	Brown, Golden 59A	X			X
		White	-- AA	White 11A	X	X		
		White	-- AA	White 11A	X			
Bronze (Metallic)	66	Black	-- BB	White 11A	X			
		Bronze (Metallic)	66 --	White 11A	X			
		Saddle	-- RR	White 11A				X
		Russet	-- LL	White 11A	X			X
		White	-- AA	White 11A	X			X
Red, Medium (Metallic)	74	Black	-- BB	White 11A	X	X	X	
		Red, Medium (Met.)	74 --	White 11A	X	X	X	X
		Red (Dark)	-- HH	White 11A	X	X	X	X
		White	-- AA	White 11A	X	X	X	
Silver (Metallic)	64	Black	-- BB	Red 74A	X		X	
		Red (Dark)	-- HH	Red 74A	X		X	
		Silver (Metallic)	64 --	Red 74A	X		X	
		White	-- AA	White 11A	X			
		Silver Taupe	-- WW	Red 74A	X		X	
Taupe, Dark (Metallic)	69	Brown	-- FF	White 11A	X			X
		Saddle	-- RR	White 11A				X
		Taupe, Dark (Met.)	69 --	White 11A	X			X
White, Antique	11	Red (Dark)	-- HH	Red 74A	X	X	X	
		Saddle	-- RR	Brown, Golden 59A				X
		White, Antique	11 AA	Brown, Golden 59A				X
				Red 74A	X	X	X	

Malibu Classic, Malibu Cloth & Vinyl Trim Chart

PLEASE NOTE: The exterior and interior combinations for solid color paint shown in the chart below have been established as the combinations that would be attractive to the average customer. Orders for

non-recommended combinations may be submitted, provided the dealer initials the appropriate order form block as verification that the requested combination is definitely desired.

This procedure does not apply to orders that specify a vinyl roof cover or two-tone paint, as the combinations shown below are the only color combinations that have been approved.

Doors, sidewalls and headlining		Black				Blue (Dark)	Green (Med.)	Neutral (Light)	Red (Dark)	
Seat Color		Black				Blue	Green	Neutral	Red	
Instrument Panel Pad		Black	Black	Black	Black	Blue	Green	Neutral	Red	
Floor Covering		Black	Blue	Red	Russet	Blue	Green	Neutral	Red	
MALIBU CLASSIC	Coupe Bench seat	CBB1		CBR1		CDD1	CGG1	CNN1	CHH1	
	Coupe Bucket seat	CBB2		CBR2					CHH2	
	Sedan Bench seat	CBB1		CBR1		CDD1	CGG1	CNN1	CHH1	
MALIBU	Coupe Bench seat	CBB1	CBE1	CBR1	CBU1		CGG1			
	Sedan Bench seat	CBB1	CBE1	CBR1	CBU1		CGG1			
Exterior Body Color Code:		Lower	Upper							
			Solid	Two-tone						
Beige, Cream	50	50	—	X				X	X	X
Black, Tuxedo	19	19	—	X	X	X	X	X	X	X
Blue, Aqua (Metallic)	36	36	11	X					X	
Blue, Bright (Metallic)	26	26	—	X	X		X			
Blue, Light (Metallic)	24	24	11	X	X		X			
Blue, Midnight (Metallic)	29	29	11	X	X		X			
Bronze (Metallic)	66	66	11	X		X			X	
Brown, Golden (Metallic)	59	59	—	X					X	
Green, Bright (Metallic)	46	46	—	X				X	X	
Green, Medium	44	44	11	X				X	X	
Green, Med. Dark (Metallic)	49	49	11	X				X	X	
Red, Medium (Metallic)	74	74	11	X		X				X
Sandstone	55	55	11	X					X	
Silver (Metallic)	64	64	—	X	X	X	X		X	X
Taupe, Dark (Metallic)	69	69	—	X					X	
White, Antique	11	11	—	X	X	X	X	X	X	X
Pin Stripe Color —Landau Coupe only		Code								
Black—All exteriors except 19, 29 or 49		19A								
Gold—All exteriors except 24, 26 or 36		53A								
White—All exteriors except 11		11A								

Vinyl Roof Colors

Vinyl roof*	Code	Solid exterior body color availability
Black	BB	All Exterior Colors.
Blue (Medium)	DD	11, 24, 26 or 29 only.
Brown	FF	11, 50, 59, 64 or 69 only.
Cream-Beige	EE	11, 19, 50, 55, 59 or 69 only.
Green (Medium)	GG	11, 44, 46 or 49 only.
Red (Dark)	HH	11, 19, 64 or 74 only.
Russet	LL	11 or 66 only.
Saddle (Medium)	RR	11, 19, 49, 50, 59, 66 or 69 only.
Silver Taupe	WW	19, 64 or 69 only.
White	AA	All Exterior Colors.

*Includes outline and roof drip moldings.

Malibu Classic, Malibu All-Vinyl Trim Chart

Doors, sidewalls and headlining				Black				Blue (Dark)		Green (Med.)		Neutral Saddle (Light): (Med.)		
Seat Color				Black	Green	White	Blue	White	Green	Neutral	Neutral	Saddle	Saddle	
Instrument Panel Pad				Black	Black	Black	Blue	Blue	Green	Green	Neutral	Saddle	Saddle	
Floor Covering				Black	Red	Russet	Black	Black	Blue	Blue	Green	Green	Neutral	Saddle
MALIBU CLASSIC	Coupe	Bench seat	VBB1	VBR1			VWB1	VWD1	VGG1		VNN1	VSS1		
		Bucketseat	VBB2	VR2			VWB2	VWD2	VGG2		VNN2	VSS2		
	Sedan	Bench seat	VBB1	VBR1			VWB1	VWD1	VGG1		VNN1	VSS1		
MALIBU	Coupe	Bench seat	XBB1	XBR1	XBU1	XGB1		XDD1		XGG1	XNG1	XNN1		
		Bucketseat	XBB2	XBR2	XBU2						XNG2	XNN2		
	Sedan	Bench seat	XBB1	XBR1	XBU1	XGB1				XGG1	XNG1	XNN1		
Exterior Body Color Code:			Lower	Upper										
			Solid	Two-tone										
Beige, Cream	50	50	—	X			X	X			X	X	X	X
Black, Tuxedo	19	19	—	X	X	X	X	X	X	X	X	X	X	X
Blue, Aqua (Metallic)	36	36	11	X				X					X	
Blue, Bright (Metallic)	26	26	—	X				X						
Blue, Light (Metallic)	24	24	11	X				X	X	X				
Blue, Midnight (Metallic)	29	29	11	X				X	X	X				
Bronze (Metallic)	66	66	11	X		X		X					X	X
Brown, Golden (Metallic)	59	59	—	X				X					X	X
Green, Bright (Metallic)	46	46	—	X			X	X		X	X	X	X	
Green, Medium	44	44	11	X			X	X		X	X	X	X	
Green, Med. Dark (Metallic)	49	49	11	X			X	X		X	X	X	X	X
Red, Medium (Metallic)	74	74	11	X	X			X						X
Sandstone	55	55	11	X				X					X	
Silver (Metallic)	64	64	—	X	X	X		X					X	X
Taupe, Dark (Metallic)	69	69	—	X				X					X	X
White, Antique	11	11	—	X	X	X	X	X	X	X	X	X	X	X

Chevelle Specifications

Malibu Classic

Exterior Dimensions	Colonnade Hardtop	Colonnade Hardtop
	Coupe	Sedan
Wheelbase	112.0	116.0
Length (overall)	206.3	210.3
Width (overall)	76.6	76.6
Height (loaded)	53.1	53.8
Front tread	61.5	61.5
Rear tread	60.7	60.7
Minimum ground clearance	5.1	5.1

Interior Roominess

Head room—front	37.7	38.3
Head room—rear	37.0	37.5
Leg room—front	42.1	42.1
Leg room—rear	32.9	37.0
Hip room—front	56.0	56.0
Hip room—rear	52.9	57.9
Shoulder room—front	59.6	59.6
Shoulder room—rear	57.5	58.9

Luggage Compartment

Maximum opening width	48.5	48.5
Loading height	22.0	22.0
Interior length (max.)	49.0	49.0
Interior width (max.)	72.0	72.0
Interior height (max.)	18.0	18.0
Usable luggage space (cu. ft.)	15.3	15.3

Glass Area

Windshield glass area (sq. in.)	1276.6	1332.6
Rear window glass area (sq. in.)	1307.2	1262.9
Total glass area (sq. in.)	4419.8	4723.4

Steering & Tires

Turning circle—curb-to-curb (ft.)	39.5	39.5
Turning circle—wall-to-wall (ft.)	42.6	42.6
Steering ratio—std. (overall)	32.8:1 to 34.7:1	
Steering ratio—power (overall)	17.6:1 to 14.3:1	
Standard tire size	E78-14B (Six)/G78-14B (V8)	

Fuel Capacity & Weight

Rated fuel tank capacity (gallons)	22	
Curb weight—Six (lbs.)	3719	3805
Curb weight—V8 (lbs.)	3866	3952
Shipping weight—Six (lbs.)	3609	3695
Shipping weight—V8 (lbs.)	3756	3842

1974 Chevelle Police Equipment

Model Availability

Series	4-Door Sedan	2-Door Sport Coupe
Malibu	1AC29	1AC37
Malibu Classic	1AD29	1AD37

Power Train

(with Turbo Hydra-matic Transmission)

Engine				Rear Axle
C.I.D.	Carb.	Exhaust	SAE Net HP	
400*	2-Bbl.	Single	150	3.42

Required Options

LF6*	400 C.I.D. / 150 SAE Net HP Engine
M40	Turbo Hydra-matic Transmission
N41	Variable-Ratio Power Steering

*—Not available in California.

COP0 9C1 Chassis Equipment

- Engine durability features
- Special suspension including stiffer springs, shock absorbers, and front stabilizer bar; heavy-duty shock absorber and stabilizer bar attachments
- Heavy-duty 14 x 6.0 wheels
- Dual-diaphragm power brake unit
- High-capacity cooling system including large radiator, special fan and fan shroud
- 61-amp max/35 amp idle Delcotron generator
- 4000-watt rating battery
- 120-mph speedometer with 2-mph increments and certified accuracy

Special Order Options — Chevelle Police Cars

- 6A1—Front Floor Mat
- 6A2—Rear Floor Mat
- 6C1—Heavy-Duty Front Seat
- 6C9—Conduit (1½" I.D. routed inside from dash to trunk)
- 6E5—Roof Wiring (4 12-gauge wires, instrument panel to roof, 19 inches rear of windshield)
- 6H5—Remote Trunk Opener (5-unit minimum order)
- 7L1—Radio Suppression
- 7L4—Locking Hand Throttle

Inquiries for additional police equipment technical information required for the formulation of specifications may be forwarded directly to the Chevrolet Special Products Group, Room 160-67, 30007 Van Dyke Avenue, Warren, Michigan 48090.

CHEVELLE MALIBU, MALIBU CLASSIC OR LAGUNA TYPE S-3 COUPES AND SEDANS 1974 VEHICLES WITH STANDARD EQUIPMENT

Prices shown are effective with vehicles shipped on and after May 15, 1974

Description	Model Number	Body Code	Wheel-base	Dealer Invoice Amount*	Dealer Price	Factory D&H‡	List Price	Mfr's Suggested Retail Price*	Destination Charge & Group Number	Total
◆ 6-Cylinder Engine										
Malibu										
Colonnade Hardtop Coupe—										
6-Passenger	1AC37	—	112"					29 15.70	5	_____
Colonnade Hardtop Sedan—										
6-Passenger	1AC29	—	116"					29 10.70	6	_____
Malibu Classic										
Colonnade Hardtop Coupe—										
6-Passenger	1AD37	—	112"					31 68.70	5	_____
Colonnade Hardtop Landau Coupe—										
6-Passenger	1AD37	Z03	112"					33 44.70	5	_____
Colonnade Hardtop Sedan—										
6-Passenger	1AD29	—	116"					31 65.70	6	_____
◆ 8-Cylinder Engine										
Malibu										
Colonnade Hardtop Coupe—										
6-Passenger	1AC37	—	112"					30 58.45	5	_____
Colonnade Hardtop Sedan—										
6-Passenger	1AC29	—	116"					30 53.45	6	_____
Malibu Classic										
Colonnade Hardtop Coupe—										
6-Passenger	1AD37	—	112"					33 11.45	5	_____
Colonnade Hardtop Landau Coupe—										
6-Passenger	1AD37	Z03	112"					34 87.45	5	_____
Colonnade Hardtop Sedan—										
6-Passenger	1AD29	—	116"					33 08.45	6	_____
Laguna Type S-3										
Colonnade Hardtop Coupe—										
6-Passenger	1AE37	—	112"					35 60.45	5	_____

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

* Dealer Invoice Amount includes Holdback Amount retained for dealer's account in accordance with Vehicle Terms of Sale Bulletin.
‡ D&H amounts reflect provision for pass through of tire weight tax imposed on manufacturer or importer of tires.

CHEVELLE MALIBU, MALIBU CLASSIC OR LAGUNA TYPE S-3 COUPES AND SEDANS

OPTIONS AND ACCESSORIES WHEN INSTALLED BY CHEVROLET

Prices shown are effective with vehicles shipped on and after May 15, 1974

Description	Option Number	Dealer Invoice Amount*	Dealer Price	Factory D&H [§]	List Price	Mfr's Suggested Retail Price◇
REFER TO DEALER ORDER GUIDE FOR OPTION AVAILABILITY AND APPLICATION						
Air Conditioning: <i>Four-Season.</i> Includes K76 61-amp generator and increased cooling.						
Without LS4 454-4 /DE engine. Includes J50 power brakes	C60					492.00
With LS4 454-4 /DE engine	C60					440.00
Axle, Positraction Rear	G80					47.00
Axle Ratios:						
<i>Economy</i>	G95					12.00
<i>Performance</i>	G92					12.00
<i>Trailering</i>	YD1					12.00
Battery, Heavy-Duty: 15-plate, 80-amp-hr. Included with LS4 454-4 /DE engine.	UA1					15.00
Belts, Custom Deluxe Seat and Shoulder: Includes brushed metal buckles and color-keyed belts. (Standard belts and plastic buckles are black.)						
<i>REPLACING STANDARD NUMBER OF BELTS.</i>						
With bench seat—6 seat and 2 front shoulder	AK1					16.00
With bucket seats—5 seat and 2 front shoulder	AK1					14.50
Brakes, Power: Included with C60 air conditioning and LS4 454-4 /DE engine	J50					52.00
Bumper Equipment: Front and Rear.						
<i>Bumpers, Deluxe.</i> Standard on Z03 Landau and Laguna. Includes black resilient impact strips	VE5					25.00
<i>Guards, Bumper.</i> Standard on Laguna.	V30					34.00
California Emission Certification: Includes all testing, equipment and /or certification necessary for registration in the State of California	YF5					21.00
Clock, Electric: Included with U14 special instrumentation or UF7 econominder	U35					18.00
Console: Includes compartment. Shift lever mounted on console	D55					63.00
Container, Litter: Color-keyed	D24					5.00
Cooling Equipment: <i>Radiator, Heavy-Duty.</i>						
6-Cylinder	V01					15.00
8-Cylinder	V01					22.00
Defogger, Rear Window: Forced-Air	C50					36.00
Door Lock System, Power: Electric.						
Coupes	AU3					50.00
Sedans	AU3					76.00
Engines: (Refer to Dealer Order Guide for California Requirements)						
<i>Turbo-Thrift 250-1 /SE 6-Cylinder</i>	L22					
<i>Turbo-Fire 350-2 /SE V8</i>	L65					
<i>Turbo-Fire 350-4 /SE V8</i>	LM1					49.00
<i>Turbo-Fire 400-2 /SE V8.</i> Includes high energy ignition	LF6					113.00
<i>Turbo-Fire 400-4 /SE V8.</i> Includes high energy ignition	LT4					162.00
<i>Turbo-Jet 454-4 /DE V8.</i> Includes UA1 HD battery, J50 power brakes and high energy ignition	LS4					349.00
Exterior Decor: Includes rear end panel accent and headlight housing moldings.						
Malibu. Also includes taillight and wheel opening moldings.						
Without vinyl roof. Also includes roof drip moldings	YJ9					34.00
With vinyl roof	YJ9					22.00
Malibu Classic	YJ9					15.00
Generator, 61-Amp Delcotron: Included with C60 air conditioning	K76					26.00
Glass, Soft-Ray Tinted: All windows	A01					48.00

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

§ D&H amounts reflect provision for pass through of tire weight tax imposed on manufacturer or importer of tires.

◇ State and local taxes not included.

CHEVELLE MALIBU, MALIBU CLASSIC OR LAGUNA TYPE S-3 COUPES AND SEDANS

OPTIONS AND ACCESSORIES WHEN INSTALLED BY CHEVROLET

Prices shown are effective with vehicles shipped on and after May 15, 1974

Description	Option Number	Dealer Invoice Amount*	Dealer Price	Factory D&H [§]	List Price	Mfr's Suggested Retail Price [◇]
REFER TO DEALER ORDER GUIDE FOR OPTION AVAILABILITY AND APPLICATION						
Horns, Dual	U05					4.00
Instrumentation: Includes clock, ammeter and temperature gauges mounted in instrument panel						
Econominder Gauge Package. Also includes economy gauge	UF7					42.50
Special. Also includes tachometer	U14					88.00
Lighting, Auxiliary:						
(A) Ashtray Light						
(B) Courtesy Lights						
(C) Glove Compartment Light						
(D) Luggage Compartment Light						
(E) Map Light						
(F) Underhood Light						
Malibu Coupe						
Without CA1 sky roof—Includes A, B, C, D, E & F	ZJ9					24.50
With CA1 sky roof—Includes A, B, C, D & F	ZJ9					19.50
Malibu Sedan—Includes A, B, C, D, E & F	ZJ9					24.50
Malibu Classic Coupes and Laguna						
Without CA1 sky roof—Includes A, B, D, E & F	ZJ9					22.00
With CA1 sky roof—Includes A, B, D & F	ZJ9					17.00
Malibu Classic Sedan—Includes A, B, D, E & F	ZJ9					22.00
Mats, Color-Keyed Floor: 2 front and 2 rear	B37					14.00
Mirrors:						
Rearview, LH Outside Remote-Control	D33					14.00
Sport. Body-colored LH remote-control and RH manual mirrors. Standard on Z03 Landau.	D35					27.00
Visor Vanity	D34					3.00
Moldings:						
Body Side. Includes vinyl insert	B84					38.00
Door Edge Guard						
Coupes	B93					7.00
Sedans	B93					11.00
Paints, Exterior:						
Solid						
Two-Tone. Includes bright metal outline moldings						31.00
Radio Equipment: Pushbutton.						
AM Radio	U63					65.00
AM /FM Radio	U69					135.00
AM /FM /Stereo Radio	U58					233.00
Stereo Tape System with AM Radio	UM1					195.00
Stereo Tape System with AM /FM /Stereo Radio	UM2					363.00
Speaker, Rear Seat	U80					17.00
Roof Cover, Vinyl: Standard on Z03 Landau. Malibu includes outline and roof drip moldings						92.00
Seat, Power: Electric. 6-way control. Front seat	A42					113.00
Sky Roof: Sliding metal top. Electric	CA1					325.00
Speed and Cruise Control: Cruise-Master	K30					69.00
Sport Roof: Laguna Type S-3 Coupe only. Includes touring style vinyl roof cover with color matched molding and body color rear quarter window louvers	Z25					119.00
Steering, Power: Variable-Ratio. Standard on Laguna	N41					124.00
Steering Wheels:						
Sport	N31					15.00
Comfortilt	N33					49.00
Suspension Equipment: Suspension, Special. Front and Rear. Includes special front and rear springs and matching shock absorbers.						
Without GR70 or HR70 radial tires	F40					17.00
With GR70 or HR70 radial tires	F40	N.C.	N.C.	N.C.	N.C.	N.C.

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

CHEVELLE MALIBU, MALIBU CLASSIC OR LAGUNA TYPE S-3 COUPES AND SEDANS

OPTIONS AND ACCESSORIES WHEN INSTALLED BY CHEVROLET

Prices shown are effective with vehicles shipped on and after May 15, 1974

Description	Option Number	Dealer Invoice Amount*	Dealer Price	Factory D&H‡	List Price	Mfr's Suggested Retail Price◇
REFER TO DEALER ORDER GUIDE FOR OPTION AVAILABILITY AND APPLICATION						
Tires:						
6-Cylinder Malibu and Malibu Classic.						
E78-14 /B Bias Belted Ply Blackwall (Standard)	...					NO ADDITIONAL CHARGE
E78-14 /B Bias Belted Ply White Stripe	QEH					31.00
G78-14 /B Bias Belted Ply Blackwall	QKQ					34.75
G78-14 /B Bias Belted Ply White Stripe	QGL					69.75
8-Cylinder Malibu, Malibu Classic and Laguna Type S-3.						
G78-14 /B Bias Belted Ply Blackwall (Standard)	...					NO ADDITIONAL CHARGE
G78-14 /B Bias Belted Ply White Stripe	QGL					35.00
G70-14 /B Bias Belted Ply White Lettered	QGF					64.75
H78-14 /B Bias Belted Ply Blackwall	QHE					24.65
H78-14 /B Bias Belted Ply White Stripe	QHF					62.65
8-Cylinder Malibu and Malibu Classic.						
GR78-15 /B Steel Belted Radial Ply White Stripe	QDR					138.10
The following radial tires include radial-tuned suspension.						
GR70-15 /B Steel Belted Radial Ply Blackwall	QRN					149.15
GR70-15 /B Steel Belted Radial Ply White Stripe	QRM					184.15
GR70-15 /B Steel Belted Radial Ply White Lettered	QRZ					197.15
HR70-15 /B Steel Belted Radial Ply Blackwall	QRV					168.80
HR70-15 /B Steel Belted Radial Ply White Stripe	QQZ					206.80
Laguna Type S-3.						
GR70-15 /B Steel Belted Radial Ply Blackwall	QRN					119.05
GR70-15 /B Steel Belted Radial Ply White Stripe	QRM					154.05
GR70-15 /B Steel Belted Radial Ply White Lettered	QRZ					167.05
HR70-15 /B Steel Belted Radial Blackwall	QRV					138.80
HR70-15 /B Steel Belted Radial Ply White Stripe	QQZ					176.80
Transmissions:						
3-Speed Manual	M15					NO ADDITIONAL CHARGE
Turbo Hydra-matic.						
Without LS4 454-4 /DE engine	M40					225.00
With LS4 454-4 /DE engine	M40					247.00
4-Speed Close-Ratio	M21					219.00
Trim, Interior:						
Cloth Bench Seat	...					NO ADDITIONAL CHARGE
Vinyl Bench Seat	...					19.00
Strato-bucket Front Seats. Swing-out Type.						
Malibu and Laguna	...					133.00
Malibu Classic	...					97.00
Wheel Trim:						
Bright Metal Wheel Covers. Standard on Z03 Landau	P01					30.00
Rally Wheels. Standard on Laguna. Includes styled wheels, special hub caps and trim rings.						
Malibu and Malibu Classic without Z03 Landau	ZJ7					46.00
Z03 Landau	ZJ7					16.00
Turbine I Wheels. Includes styled 14" x 7" wheels, special hub caps and trim rings.						
Malibu and Malibu Classic without Z03 Landau	PE1					110.50
Z03 Landau	PE1					84.50
Wire Wheel Covers.						
Malibu and Malibu Classic without Z03 Landau	N95					89.00
Z03 Landau	N95					59.00
Windows, Power: Electric.						
Coupes	A31					85.00
Sedans	A31					126.00

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

MALIBU, MALIBU CLASSIC AND MALIBU CLASSIC ESTATE WAGONS

1974 VEHICLES WITH STANDARD EQUIPMENT

Prices shown are effective with vehicles shipped on and after May 15, 1974

Description	Model Number	Body Code	Wheel-base	Dealer Invoice Amount*	Dealer Price	Factory D&H§	List Price	Mfr's Suggested Retail Price★	Destination Charge & Group Number	Total
◆ 8-Cylinder Engine										
Malibu										
4-Door Station Wagon—2-Seat . . .	1AC35	—	116"					3401.65	7.....	.....
4-Door Station Wagon—3-Seat . . .	1AC35	AQ4	116"					3534.65	7.....	.....
Malibu Classic										
4-Door Station Wagon—2-Seat . . .	1AD35	—	116"					3818.65	7.....	.....
4-Door Station Wagon—3-Seat . . .	1AD35	AQ4	116"					3951.65	7.....	.....
Malibu Classic Estate										
4-Door Estate Wagon—2-Seat . . .	1AG35	—	116"					3991.65	7.....	.....
4-Door Estate Wagon—3-Seat . . .	1AG35	AQ4	116"					4124.65	7.....	.....

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

OPTIONS AND ACCESSORIES WHEN INSTALLED BY CHEVROLET

Prices shown are effective with vehicles shipped on and after May 15, 1974

Description	Option Number	Dealer Invoice Amount*	Dealer Price	Factory D&H§	List Price	Mfr's Suggested Retail Price◇
REFER TO DEALER ORDER GUIDE FOR OPTION AVAILABILITY AND APPLICATION						
Air Conditioning: Four Season Includes K76 61-amp generator and increased cooling.	C60					440.00
Air Deflector, Rear Window	C51					21.00
Axle, Positraction Rear	G80					47.00
Axle Ratios:						
Performance	G92					12.00
Trailering	YD1					12.00
Battery, Heavy-Duty: 15-plate, 80-amp-hr. Included with LS4 454-4 /DE engine.	UA1					15.00
Belts, Custom Deluxe Seat and Shoulder: Includes brushed metal buckles and color-keyed belts (Standard belts and plastic buckles are black)						
REPLACING STANDARD NUMBER OF BELTS						
2-seat wagons.						
With bench seat—6 seat and 2 front shoulder	AK1					16.00
With bucket seats—5 seat and 2 front shoulder.	AK1					14.50
3-seat wagons.						
With bench seat—8 seat and 2 front shoulder	AK1					19.00
With bucket seats—7 seat and 2 front shoulder.	AK1					17.50
Bumper Equipment: Front and Rear.						
Bumpers, Deluxe. Includes black resilient impact strips	VE5					25.00
Guards, Bumper	V30					17.00
California Emission Certification: Includes all testing, equipment and /or certification necessary for registration in the State of California						
	YF5					21.00
Carrier, Roof: Includes adjustable end rail and wood-grained accents. Upper rails and supports shipped loose for dealer installation.						
	V55					65.00
Clock, Electric	U35					18.00

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

MALIBU, MALIBU CLASSIC AND MALIBU CLASSIC ESTATE WAGONS

OPTIONS AND ACCESSORIES WHEN INSTALLED BY CHEVROLET

Prices shown are effective with vehicles shipped on and after May 15, 1974

Description	Option Number	Dealer Invoice Amount*	Dealer Price	Factory D&H [†]	List Price	Mfr's Suggested Retail Price [◇]
REFER TO DEALER ORDER GUIDE FOR OPTION AVAILABILITY AND APPLICATION						
Console: Includes compartment. Shift lever mounted on console.	D55					63.00
Container, Litter: Color-keyed.	D24					5.00
Cooling Equipment: Radiator, Heavy-Duty	V01					22.00
Defogger, Rear Window: Forced-Air	C50					41.00
Door Lock System, Power: Electric	AU3					76.00
Engines: (Refer to Dealer Order Guide for California Requirements)						
<i>Turbo-Fire 350-2 /SE V8</i>	L65			<i>NO ADDITIONAL CHARGE</i>		49.00
<i>Turbo-Fire 350-4 /SE V8</i>	LM1					113.00
<i>Turbo-Fire 400-2 /SE V8</i> . Includes high energy ignition	LF6					162.00
<i>Turbo-Fire 400-4 /SE V8</i> . Includes high energy ignition	LT4					
<i>Turbo-Jet 454-4 /DE V8</i> . Includes UA1 HD battery and high energy ignition.						
Malibu	LS4					297.00
Malibu Classic and Malibu Classic Estate.	LS4					319.00
Exterior Decor: Includes headlight housing moldings.						
Malibu. Also includes roof drip and wheel opening moldings	YJ9					35.00
Malibu Classic and Malibu Classic Estate.	YJ9					5.00
Floor Covering:						
<i>Mats, Color-Keyed Floor.</i> 2 front and 2 rear	B37					14.00
<i>Carpeting, Removable Load Floor</i>	B44					19.00
Generator, 61-Amp Delcotron: Included with C60 air conditioning.	K76					26.00
Glass, Soft-Ray Tinted: All windows	A01					48.00
Horns, Dual	U05					4.00
Instrumentation: Econominder Gauge Package. Includes clock, economy, ammeter and temperature gauges mounted in instrument panel	UF7					42.50
Lighting, Auxiliary:						
(A) Ashtray Light						
(B) Courtesy Lights						
(C) Glove Compartment Light						
(D) Map Light						
(E) Underhood Light						
(F) Luggage Compartment Light						
Malibu—Includes A, B, C, D, E & F	ZJ9					32.00
2-seat wagons	ZJ9					22.00
3-seat wagons						
Malibu Classic and Classic Estate— includes A, B, D, E & F	ZJ9					28.50
2-seat wagons	ZJ9					18.50
3-seat wagons						
Mirrors:						
<i>Rearview, LH Outside Remote-Control</i>	D33					14.00
<i>Sport.</i> Body-colored LH remote-control and RH manual mirrors	D35					27.00
<i>Visor Vanity</i>	D34					3.00
Moldings:						
<i>Body Side.</i> Includes vinyl insert.	B84					38.00
<i>Door Edge Guard</i>	B93					11.00
Paints, Exterior: Solid					<i>NO ADDITIONAL CHARGE</i>	
Radio Equipment: Pushbutton						
AM Radio	U63					65.00
AM /FM Radio	U69					135.00
AM /FM /Stereo Radio	U58					233.00
Stereo Tape System with AM Radio	UM1					195.00
Stereo Tape System with AM /FM /Stereo Radio	UM2					363.00
Speaker, Rear Seat	U80					17.00
Seat, Power: Electric, 6-way control. Front seat	A42					113.00

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

† D&H amounts reflect provision for pass through of tire weight tax imposed on manufacturer or importer of tires.

◇ State and local taxes not included.

MALIBU, MALIBU CLASSIC AND MALIBU CLASSIC ESTATE WAGONS

OPTIONS AND ACCESSORIES WHEN INSTALLED BY CHEVROLET

Prices shown are effective with vehicles shipped on and after May 15, 1974

Description	Option Number	Dealer Invoice Amount*	Dealer Price	Factory D&H [§]	List Price	Mfr's Suggested Retail Price [◇]
REFER TO DEALER ORDER GUIDE FOR OPTION AVAILABILITY AND APPLICATION						
Steering, Power: Variable-Ratio	N41					124.00
Steering Wheel: <i>Comfortilt</i>	N33					49.00
Tailgate Release, Power: Electric. Standard on 3-seat wagons.....	AU6					14.00
Tires:						
<i>H78-14 /B Bias Belted Ply Blackwall (Standard)</i> .....	....			NO ADDITIONAL CHARGE		
<i>H78-14 /B Bias Belted Ply White Stripe</i>	QHF					38.00
<i>HR78-15 /B Steel Belted Radial Ply White Stripe</i>	QEL					154.30
The following radial tires include radial-tuned suspension.						
<i>HR70-15 /B Steel Belted Radial Ply Blackwall</i>	QRV					143.95
<i>HR70-15 /B Steel Belted Radial Ply White Stripe</i>	QQZ					181.95
Transmissions:						
<i>3-Speed Manual</i>	M15			NO ADDITIONAL CHARGE		
Turbo Hydra-matic. Standard on Malibu Classic and Malibu Classic Estate.						
Without LS4 454-4 /DE engine.....	M40					225.00
With LS4 454-4 /DE engine	M40					247.00
Trim, Interior:						
Strato-bucket Front Seats. Swing-Out Type, Vinyl.						
Malibu .....	....					133.00
Malibu Classic and Malibu Classic Estate.....	....					97.00
Wheel Trim:						
Bright Metal Wheel Covers	PO1					30.00
Rally Wheels. Includes styled wheels, special hub caps and trim rings	ZJ7					46.00
Turbine I Wheels. Includes styled 14" x 7" wheels, special hub caps and trim rings	PE1					110.50
Wire Wheel Covers	N95					89.00
Windows, Power: Electric.....	A31					126.00
Windows, Swing-Out: Standard on 3-seat wagons	A20					40.00

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

NOTES

GENERAL

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MODEL IDENTIFICATION

BODY	SERIES NAME	BODY STYLE	MODEL DESIGNATION	PASS. OR SEATS
A-CAR	MALIBU	4-Dr. Colonnade Hardtop Sedan	1AC29	6
		2-Dr. Colonnade Hardtop Coupe	1AC37	6
		4-Dr. Station Wagon	1AC35	2-Seat*
	MALIBU CLASSIC	4-Dr. Colonnade Hardtop Sedan	1AD29	6
		2-Dr. Colonnade Hardtop Coupe	1AD37	6
		4-Dr. Station Wagon	1AD35	2-Seat*
	LAGUNA TYPE S-3	2-Dr. Colonnade Hardtop Coupe	1AE37	5 (a)
	MALIBU CLASSIC ESTATE	4-Dr. Station Wagon	1AG35	2-Seat*
	EL CAMINO	2-Dr. Sedan Pickup	1AC80	3
	EL CAMINO CLASSIC	2-Dr. Sedan Pickup	1AD80	3

* Third seat available as RPO AQ4 station wagons.

(a) Bucket seats only.

SERIAL NUMBERS AND IDENTIFICATION

ONLY BASIC DESIGNATIONS SHOWN

VEHICLE IDENTIFICATION NUMBER

Vehicle Designation Interpretation

1 C 35 H 4 4 500001

Sequential Number

Assembly Plant (*)

Model Year 1974

Engine Type (**)

Body style (last two digits of model number)

Car line and Series (***)

Make ("1" for Chevrolet)

*B - Baltimore-GMAD R - Arlington-GMAD
 K - Leeds-GMAD Z - Fremont-GMAD

Canadian Plant
 No. 1 Oshawa

**D - L6-250 (100 H.P.) R - V8-400 (150 H.P.)
 H - V8-350 (145 H.P.) U - V8-400 (180 H.P.)
 L - V8-350 (160 H.P.) Y - V8-454 (235 H.P.)

***C - Malibu Models E - Laguna Model Type 'S-3'
 D - Malibu Classic Models G - Malibu Classic Estate

EXAMPLE: The twenty-fifth Chevelle vehicle built at GMAD Baltimore if it were a 1AC35 model (Malibu Station Wagon) with a (V8-350, 145 H.P.) engine would bear VIN Number 1C35H4B400025.

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

TRANSMISSION IDENTIFICATION

Example: S4E01

Type	Source	Model Year	Production ^o
Designation	Designation	1974	Month & Date
TM	S (Muncie)	4	E01D*
TM	3-Speed	L-6 engine	S - Muncie
TN	3-Speed	V-8 engines	S - Muncie
WK	4-Speed	V-8 engine	P - Muncie
TT	Turbo Hydra-matic	L-6 engine	B - Cleveland
			Y - Toledo
FB	Turbo Hydra-matic	V-8 engine	B - Cleveland
			Y - Toledo
CF	Turbo Hydra-matic	V-8 engine	- - Ypsilanti

Location:

3-Speed Stamped on left side just below cover.

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

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

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

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

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

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

ENGINE IDENTIFICATION

Example: F1210CCR

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

Turbo-Thrift 250, 250 Cubic Inch L-6, Base Engine

CCR - Regular engine, 3-speed
 CCX - Regular engine, Turbo Hydra-matic (Chevrolet)

Turbo-Fire 350, 350 Cubic Inch V-8, (RPO-L65)

CMC - Regular engine, 3-speed
 CMA - Regular engine, Turbo Hydra-matic (Chevrolet)

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

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

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

CTA - Optional engine, Turbo Hydra-matic (Chevrolet)

Turbo-Fire 400, 400 Cubic Inch V-8 (RPO-LT4)

CTC - Optional engine, Turbo Hydra-matic (Chevrolet)

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

CWA - Optional engine, 4-speed, 4-bbl carb.
 CWD - Optional engine, Turbo Hydra-matic, 4-bbl carb.

Location:

6-cylinder engine Stamped on pad on right side of cylinder block to rear of distributor

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

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

REAR AXLE IDENTIFICATION

XA - 2.73 Axle
 XC - 3.08 Axle
 XE - 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

<u>FRONT</u>	MALIBU	MALIBU CLASSIC	LAGUNA
Radiator Grille – Black Plastic with Argent Leading Edges	X	X	
Radiator Grille – Die Cast			X
Radiator Grille Bright Outline Moldings	X	X	
Bright Headlamp Bezels	X	X	X
Parking Lamp in Front Bumpers – Amber Lens and White Bulb	X	X	
Parking Lamps in Radiator Grille – White Lens and Amber Bulb			X
Bright Hood Molding (at Cowl)	X	X	X
Bright Windshield Reveal Molding	X	X	X
Depressed Park Windshield Wipers with articulated Left Blade	X	X	X
Radiator Grille Nameplate – “Chevelle by Chevrolet”	X	X	
Bumper Impact Strip – Color Coded			X
Urethane Front End Body Color			X
Front Bumper Guards – Colored: Insert			X
Sport Stripes			X
Radiator Grille Nameplate “Laguna Type S-3”			X
Radiator Grille Nameplate – “Chevelle”			X
Header Panel Ornament		X	
 <u>SIDE</u>			
Lower Body Side Molding		X	
Front Fender Nameplate	“Malibu”	“Malibu Classic”	Laguna Type S-3
Bright Head Belt Molding	X	X	X
Bright Rear View Mirror – LH	X	X	
Body Color Dual Sport Rear View Mirrors – LH Remote Control, RH Manual			X
Bright Door Corner Moldings	X	X	X
Bright Aluminum Hub Caps	X	X	
Rally Wheels			X
Body Color Wheels	X	X	
Sport Stripes			X
Front Marker Lamp, Clear Lens with Amber Bulb and Body Color Bezel			X
Front Marker Lamp, Amber Lens with Clear Bulb and Body Color Bezel	X	X	
Rear Marker Lamp, Red Lens and Body Color Bezel	X	X	X
Roof Drip Moldings		X	X
Wheel Opening Moldings		X	
 <u>REAR</u>			
Rear Body Panel Nameplate – “Chevelle by Chevrolet”	X	X	
Rear Body Panel Nameplate – “Laguna Type S-3”			X
Bright Rear Window Reveal Molding	X	X	X
Argent Tail Lamp Rings	X		
Bright Tail Lamp Rings		X	X
Argent Tail Lamp Lens Accent Rings			X
Bumper Impact Strip			X
Single Mounted Tail Lamps on Body Rear Panel	X	X	X
Rear Bumper Guards			X

EXTERIOR EQUIPMENT

STANDARD EXTERIOR EQUIPMENT STATION WAGONS

	MALIBU	MALIBU CLASSIC	MALIBU CLASSIC ESTATE
FRONT			
Radiator Grille Chrome Plate, Die Cast	X	X	X
Bright Radiator Grille Outline Molding	X	X	X
Bright Headlamp Bezels	X	X	X
Bright Hood Molding (at Cowl)	X	X	X
Bright Windshield Reveal Molding	X	X	X
Radiator Grille Nameplate - "Chevelle by Chevrolet"	X	X	X
Depressed Park Windshield Wipers with Articulated Left Blade	X	X	X
Parking Lamps in Bumpers - Amber Lens, White Bulb	X	X	X
Header Panel Ornament		X	X
SIDE			
Bright Belt Bead Molding	X	X	X
Bright Rear View Mirror - LH	X	X	X
Bright Hub Caps	X	X	X
Bright Lift Bar Door Handles	X	X	X
Bright Door Corner Molding	X	X	X
Body Color Wheels	X	X	X
Bright Quarter Reveal Moldings	X	X	X
Fender Nameplate - Bright	"Malibu"	"Malibu Classic"	"Malibu Classic"
Front Marker Lamp, Amber Lens w/Clear Bulb and Body-Color Bezels	X	X	X
Rear Marker Lamp, Red Lens and Body-Color Bezel	X	X	X
Rocker Panel Lower Body Side Molding		X	
Body Side Wood-Grain Surface			X
Wheel Opening Moldings		X	X
Bright Body Side Molding Surrounding Wood-Grain			X
Roof Drip Moldings		X	X
Rear Quarter Panel Nameplate			"Estate"

EXTERIOR EQUIPMENT

STANDARD EXTERIOR EQUIPMENT STATION WAGONS

REAR	MALIBU	MALIBU CLASSIC	MALIBU CLASSIC ESTATE
Liftgate Nameplate - "Chevelle by Chevrolet"	X	X	X
Liftgate Window Reveal Molding	X	X	X
Bright Liftgate Handle	X	X	X
Tail Lamps Mounted in Bumper	X	X	X
Backup Lamps Mounted in Bumper - Inboard of Tail Lamps	X	X	X
Bright Liftgate Molding			X
Wood-Grain Surface			X

EXTERIOR EQUIPMENT

STANDARD EXTERIOR EQUIPMENT EL CAMINO

<u>FRONT</u>	<u>EL CAMINO</u>	<u>CLASSIC</u>
Radiator Grille - Chrome Plated, Die Cast	X	X
Bright Radiator Grille Outline Moldings	X	X
Bright Headlamp Bezels	X	X
Parking Lamps in Bumper	X	X
Radiator Grille Nameplate - "El Camino"	X	X
Bright Hood Molding (at Cowl)	X	X
Bright Windshield Reveal Molding	X	X
Depressed Park Windshield Wipers with Articulated Left Blade	X	X
Header Panel Ornament		X
<u>SIDE</u>		
Front Fender Nameplate - "El Camino"	X	X
Bright Belt Bright Bead Molding	X	X
Bright LH Outside Rear View Mirror	X	X
Bright Hub Caps	X	X
Bright Lift Bar Door Handles	X	X
Bright Door Corner Molding	X	X
Body Color Wheels	X	X
Lower Body Side Molding		X
Front Fender Nameplate "Classic"		X
Wheel Opening Moldings		X
Roof Drip Moldings		X
<u>REAR</u>		
Tailgate Nameplate "El Camino" with Chevrolet "Bow Tie"	X	X
Tail and Backup Lamps Bumper Mounted	X	X
Bright Rear Window Reveal Molding	X	X
Bright Roof, Load Compartment and Tailgate Moldings	X	X

INTERIOR EQUIPMENT

STANDARD INTERIOR EQUIPMENT COUPE AND SEDAN

ROOF AND PILLARS	MALIBU	MALIBU CLASSIC	LAGUNA S-3
Headlining— Perforated Vinyl Coated	X	X	X
Sail Finish Panel — Matching Headlining	X	X	X
Vinyl Finish Lace — Windshield Header, Roof Side Rail, Rear Quarter Window and Rear Window	X	X	X
Rear Window Escutcheon — Plastic	X	X	X
Padded Sunshades (Short, Narrow Type) — Matching Headlining	X	X	X
Bright Sunshade Hinge Bezel	X	X	X
Windshield — Cemented Rear View Mirror — 12-inch Prismatic with Black Padded Edge, Black Support	X	X	X
Dome Lamp — White Lens, Argent Bezel	X	X	X
Windshield Pillar Garnish Moldings — Painted Metal (Air Gap type)	X	X	X
Shoulder Belt Anchor Cover — Plastic	X	X	X
Coat Hooks — Vinyl	X	X	X
Package Shelf — Embossed Board	X	X	X
Center Pillar Cover — Plastic	29	29	29
Door Opening Windlace — Vinyl	X	X	X
Front Door Jamb Switches	X	X	X

INTERIOR EQUIPMENT

STANDARD INTERIOR EQUIPMENT COUPE AND SEDAN

<u>SEATS AND FLOOR COVER</u>	<u>MALIBU</u>	<u>MALIBU CLASSIC</u>	<u>LAGUNA S-3</u>
Front Bench Seat with Foam Pad Cushion	X	X	
Seat Adjuster Handle - Black	X	X	X
Black Folding Seat Backrest Latch and Bezel	37	37	37
Fold Down Center Armrest		X	
Vinyl Trimmed Head Restraints - Adjustable	X	X	X
Rear Seat Cushion - Foam Pad	X	X	X
Seat Backrest to Quarter Panel Filler - Painted Textured Metal	X	X	X
Two Black Front Seat Shoulder Belts	X	X	X
Three Black Front Seat Lap Belts (Two for Laguna)	X	X	X
Three Black Rear Seat Lap Belts	X	X	X
Front Seat Outboard Lap Belt Retractor Covers	X	X	X
Color-Keyed Cut Pile Carpet in Passenger Compartment	X	X	X
Luggage Compartment Spatter Paint	X	X	X
Luggage Compartment - Foam Backed Vinyl Mat	X	X	X
Front Seat Back Ash Tray	29	29	
Front Bucket Seats			X
<u>DOOR AND QUARTER PANEL</u>			
Rear Quarter Finish Panel - Plastic	29	29	
All-Vinyl Door and Quarter Trim Panels	X		X
Vinyl and Cloth Door and Quarter Trim Panels		X	
Front Door Padded Armrest	X	X	X
Rear Door Padded Armrest	29	29	
Rear Quarter Armrest	37	37	37
Bright Door Lock Buttons - Plastic	X	X	X
Clear Vinyl Window Control Handle Knobs	X	X	X
Black Cowl Ventilation Control Knobs	X	X	X
Black Ventilation Control Knobs	X	X	X
Cowl Kick-Pads - Plastic	X	X	X
Door Sidewall Series Nameplate	X		X
Simulated Wood Grain on Door and Rear Quarter Panels	X		X
Ash Tray in Rear Part of Door Arm Rest	37	37	37

INTERIOR EQUIPMENT

STANDARD INTERIOR EQUIPMENT COUPE AND SEDAN

	MALIBU	MALIBU CLASSIC	LAGUNA S-3
<u>INSTRUMENT PANEL AND STEERING COLUMN</u>			
General Cluster Lighting - Blue Tint	X	X	X
Glove Compartment Light		X	X
Warning Lights - Temperature, Generator, Oil Pressure, Brakes, Seat Belts	X	X	X
Indicators - Hi-Beam, Turn Signal and Hazard Flashers	X	X	X
Two-Speed W/S Wiper and Washer - Slide Type, Depress to Wash, Bright Knob, Switch Illuminated	X	X	X
Ash Tray	X	X	X
Heater - Slide Type Controls, Bright Knobs, Illuminated	X	X	X
Light Switch - Black Soft Symbol Knob	X	X	X
Cigarette Lighter - Black Knob	X	X	X
120 MPH Speedometer - Odometer	X	X	X
Fuel Gauge	X	X	X
Glove Compartment Door Lock	X	X	X
Black "T" Handle Parking Brake Release	X	X	X
Black "T" Handle Interior Hood Release	X	X	X
Trim Color Instrument Panel Pad	X	X	X
Clock Hole Cover Plate	X	X	X
Black Color Steering Wheel, Column and Instrument Cluster	X		
Color Keyed Steering Wheel, Column and Instrument Cluster		X	X
Wood Grain on Instrument Cluster		X	X
Oval Dial (Monte Carlo) Instrument Cluster			X
Soft Vinyl Steering Wheel Shroud with Wood Grain Insert and "Laguna" Nameplate			X
Soft Vinyl Steering Wheel and Column with Black Insert and "Chevrolet" Nameplate	X	X	
Black Hazard Flasher Knob	X	X	X
Black Soft Turn Signal and Shift Lever Knobs	X	X	X
Steering Column Ignition Switch with Integral Steering and Transmission Lock	X	X	X
Plastic Cowl Kick Pads	X	X	X
<u>GLASS</u>			
Laminate Safety Plate Glass Windshield (Thin Design)	X	X	X
Safety Solid Tempered Plate Side Glass	X	X	X
Safety Solid Tempered Plate Rear Window	X	X	X

INTERIOR EQUIPMENT

STANDARD INTERIOR EQUIPMENT STATION WAGONS

<u>ROOF AND PILLARS</u>	<u>MALIBU</u>	<u>MALIBU CLASSIC</u>	<u>MALIBU CLASSIC ESTATE</u>
Headlining - Non Perforated, Vinyl coated	X	X	X
Vinyl Finish Lace - Windshield Header, Roof Side Rail, Rear Quarter Window & Rear Window	X	X	X
Padded Sunshades (Short, Narrow Type) Matching Headlining	X	X	X
Bright Sunshade Hinge Bezel	X	X	X
Windshield Cemented Rear View Mirror - 12-inch Prismatic with Black Padded Edge, Black Support	X	X	X
Dome Lamp - White Lens, Argent Bezel	X	X	X
Windshield Pillar Garnish Moldings - Plastic	X	X	X
Shoulder Belt Anchor Cover - Plastic	X	X	X
Coat Hooks - Vinyl	X	X	X
Center Pillar Cover - Plastic	X	X	X
Lock Pillar Cover - Plastic	X	X	X
Liftgate Pillar and Escutcheon - Painted Metal			
Additional Roof Insulation			
Front Door Jamb Switches	X	X	X

INTERIOR EQUIPMENT

STANDARD INTERIOR EQUIPMENT STATION WAGONS

	MALIBU	MALIBU CLASSIC	MALIBU CLASSIC ESTATE
<u>SEATS AND FLOOR COVERING</u>			
Front Bench Seat with Foam Padded Cushion	X	X	X
Fold Down Center Arm Rest		X	X
Black Seat Adjuster Handle			
Vinyl Trimmed Head Restraints – Adjustable	X	X	X
Second Seat Cushion – Foam Pad	X	X	X
Two Black Front Seat Shoulder Belts	X	X	X
Bright Folding Seat Backrest Latches	X	X	X
Three Black Front Seat Belts	X	X	X
Three Black Second Seat Belts	X	X	X
Front Seat Outboard Belt Retractor Covers	X	X	X
Color Keyed Cut Pile Floor Carpet	X	X	X
Color Keyed Vinyl Painted Textured Metal Load Floor	X	X	X
Black Fiber Mat in Floor Well	X	X	X
Additional Insulation Under Load Floor and In Stowage Well	X	X	X
Front Seat Back Ash Tray	X	X	X
<u>DOORS, QUARTER PANEL AND LIFTGATE</u>			
Rear Quarter Finish Panel – Plastic	X	X	X
Quarter Window Lower Reveal Molding and Escutcheon – Bright Metal	X	X	X
Simulated Wood Grain on Doors	X		
Vinyl and Cloth Doors		X	X
Front Door Padded Armrest	X	X	X
Rear Door Padded Armrest	X	X	X
Bright Door Lock Buttons – Plastic	X	X	X
Clear Vinyl Window Control Handle Knobs	X	X	X
Black Cowl Ventilation Soft Control Knobs	X	X	X
Cowl Kick Pads – Plastic	X	X	X
Liftgate Panel – Vinyl Painted Textured Metal	X	X	X
Door Sidewall Series Nameplate	X		
All Vinyl Door Panels	X		

INTERIOR EQUIPMENT

STANDARD INTERIOR EQUIPMENT STATION WAGONS

	MALIBU	MALIBU CLASSIC	MALIBU CLASSIC ESTATE
<u>INSTRUMENT PANEL AND STEERING COLUMN</u>			
General Cluster Lighting – Blue Tint	X	X	X
Glove Compartment Light		X	X
Warning Lights – Temperature, Generator, Oil Pressure, Brakes, Seat Belts	X	X	X
Indicators – Hi-Beam, Turn Signals and Hazard Flashers	X	X	X
Two Speed W/S Wiper and Washer – Slide Type, Depress to Wash – Bright Knob, Illuminated Switch	X	X	X
Ash Tray	X	X	X
Heater – Slide Type Controls, Bright Knobs, Illuminated	X	X	X
Light Switch – Black Soft Symbol Knob	X	X	X
Cigarette Lighter – Black Knob	X	X	X
120 MPH Speedometer – Odometer	X	X	X
Fuel Gauge	X	X	X
Glove Compartment Door Lock	X	X	X
Black Parking Brake Release “T” Handle – White “Parking Brake”	X	X	X
Trim Color Instrument Panel Pad	X	X	X
Clock Hole Cover Plate	X	X	X
Trim Color Steering Wheel and Column and Instrument Cluster		X	X
Black Steering Wheel and Column and Instrument Cluster	X		
Wood Grain on Instrument Cluster		X	X
Soft Vinyl Steering Wheel Shroud with Black Insert Having – “Chevrolet” Nameplate	X	X	X
Black Hazard Flasher Knob	X	X	X
Black Soft Turn Signal and Shift Lever Knobs	X	X	X
Steering Column Ignition Switch with Integral Steering and Transmission Lock	X	X	X
Black ‘Tee’ Handle Hood Release – White “Hood”	X	X	X
<u>GLASS</u>			
Laminate Safety Plate Glass Windshield (Thin Design)	X	X	X
Safety Solid Tempered Plate Side Glass	X	X	X
Safety Solid Tempered Plate Rear Window	X	X	X

INTERIOR EQUIPMENT

EL CAMINO INTERIOR EQUIPMENT

	STANDARD	CLASSIC
ROOF AND PILLARS		
Premier Vinyl Coated Headlining – Perforated	X	X
Trim Color Windshield, Rear Window Garnish, and Roof Rail Moldings	X	X
12-inch Prismatic Rear View Mirror with Black Padded Edge	X	X
Black Painted Rear View Mirror Support	X	X
Padded Sunshades	X	X
Air Gap Windshield Pillars	X	X
Bright Bezeled Backlight Header Dome Lamp	X	X
Door Jamb Switches	X	X
Shoulder Belt Anchor Cover (Belt Color)	X	X
DOOR AND QUARTER PANEL		
Door Padded Armrest	X	X
Plastic Window Control Handle Knobs	X	X
Bright Door Lock Buttons	X	X
All-Vinyl Door	X	
Vinyl and Cloth Door		X
Simulated Wood Grain Insert on Door Panel	X	
Series Nameplate on Door Trim Panel	X	
Trim Color Shoulder Belt Retainers	X	X
Shoulder Belt Anchor Cover (Belt Color)	X	X
SEATS AND FLOOR COVERING		
Front Seat Cushion with Foam Pad	X	X
Fold Down Center Armrest	X	X
Black Folding Seat Back Latches	X	X
Black Seat Adjuster Handle	X	X
Carpet Passenger Compartment Floor Covering	X	X
Adjustable Head Restraints	X	X
Three Black Seat Belts	X	X
Two Black Shoulder Belts	X	X
Front Seat Outboard Lap Belt Retractor Covers (Belt Color)	X	X
INSTRUMENT PANEL AND STEERING COLUMN		
Glove Compartment Light		X
Heater Control Light	X	X
Temperature, Generator, Oil Pressure, Brake and Seat Belt Warning Lights	X	X
Hi-Beam and Turning Signal Indicators	X	X
Soft Black Cowl Ventilation	X	X
Two-Speed Windshield Wiper and Washer Switch (Slide Type, Depress to Wash)	X	X
Light Switch – Soft Black Symbol Knobs	X	X
Black Hazard Flasher Knob	X	X
Black Turn Signal and Transmission Shift Lever Knobs	X	X
Steering Column Ignition Switch with Integral Steering Wheel and Transmission Lock	X	X
Black Hood Release Handle with White "HOOD" on Handle	X	X
"T" Handle Parking Brake Release	X	X
Ash Tray	X	X
Cigarette Lighter – Black Knob	X	X
Speedometer, Odometer and Fuel Gauge	X	X
Trim Color Instrument Panel Pad	X	X
Soft Vinyl Steering Wheel Shroud with Black Grained Insert having "Chevrolet" Nameplate	X	X
Black Color Steering Wheel, Column and Instrument Cluster	X	
Color Keyed Steering Wheel, Column and Instrument Cluster		X
Wood Grain Instrument Cluster		X
GLASS		
Laminated Safety Plate Glass Windshield	X	X
Solid Safety Plate Glass Backlight	X	X
Solid Safety Plate Glass Door Windows	X	X

EXTRA COST EQUIPMENT

<u>EQUIPMENT</u>	<u>RPO</u>	<u>ACC.</u>
<u>FEATURE GROUPS</u>		
(Any item contained in a feature group may be ordered separately)		
Front and Rear Bumper Guards	V30	X
Door Edge Guards (N.A. on Malibu Classic Estate)	B93	X
Color-Keyed Floor Mats - (2 Front, 2 Rear) (except El Camino 2 Front only)	B37	X
Visor Vanity Mirror	D34	X
Electric Clock	U35	X
Rear Window Defogger (Forced Air)	C50	X
L.H. Outside Remote-Control Rearview Mirror	D33	X
<u>MODEL OPTIONS</u>		
'Estate' (El Camino)	YA2	
'SS' Option (El Camino) (See page 20 for content)	Z15	
Station Wagon, 3rd Seat	AQ4	
Laguna 'Type S-3' (See page 21 for content)		
<u>POWER TEAMS</u>		
Turbo-Fire 350 V-8	L65	
Turbo-Fire 400 V-8	LF6	
Turbo-Jet 454 V-8	LS4	
H.D. 4-Speed Manual Transmission	M21	
Turbo Hydra-matic (used with L22, L65 & LF6)	M38	
Turbo Hydra-matic (used with LS4)	M40	
Axle, Positraction	G80	
Axle, Trailering Ratio	YD1	

EXTRA COST EQUIPMENT

<u>EQUIPMENT</u>	<u>RPO</u>	<u>ACC.</u>
<u>POWER ASSISTS</u>		
Brakes, Power (Standard on Station Wagons)	J50	
Liftgate Lock Release, Electric	AU6	
Lock, Electric Door	AU3	
Steering, Hydraulic	N41	
Window Control, Electric	A31	
Front Seat, Electric Control (exc. AN7)	A42	
Sun Roof, Electric	CA1	
<u>OTHER OPTIONS</u>		
Air Conditioning, Four-Season (See page 19 for content)	C60	
Alarm, Theft		X
Battery Blanket		X
Battery, Heavy Duty	UA1	
Bumper Guards, High Rise		X
Belts, Deluxe Seat & Shoulder Harness (Color Keyed to Interior)	AK1	
Bumper Impact Strips Front and Rear	VE5	
Console, Front Compartment Floor	D55	
Cap, Locking Gas Filler		X
Carrier, Roof Luggage - Wagon	V55	X
Compass		X
Cover, Roof Luggage Carrier		X
Container, Underseat Litter		X
Container, Tunnel Litter		X
Decor Exterior	YJ9	
Deflector, Rear Window Air (Wagon)	C51	
Dispenser, Tissue		X
Extinguisher, Fire		X
Extinguisher, Fire Refill		X
Generator - 61 amp Delcotron	K76	
Gauges, Instrument Panel	U14	
Guard, Vinyl Door Edge		X
Glass, Tinted - All Windows	A01	
Glass, Tinted - W/S Only (Fleet Use)	A02	

EXTRA COST EQUIPMENT

<u>EQUIPMENT</u>	<u>RPO</u>	<u>ACC.</u>
<u>OTHER OPTIONS</u>		
Harness, Trailering Wiring		X
Hitch, Trailering, Equalizing Type		X
Hitch, Trailering - 2000 Lb. Class		X
Heater, Engine Block		X
Heater, Lower Hose		X
Highway Emergency Kit		X
Horns, Dual	U05	
Lighting, Auxiliary	ZJ9	
Courtesy Lights		
Glove Compartment Light		X
Luggage Comp. Light (Except Wagon and Pickup)		X
Ash Tray Light		X
Underhood Light		X
Map Light (Not available on CA1)		X
Light, Rear Door Jamb Switch - 4-Door Sedan		X
Litter Container	D24	
Mirror, RH		X
Mirror Sport Outside, Body Color, LH Remote Control & RH Manual Control	D35	
Mirror, Trailering - Fender Clamp		X
Molding, Body Side (Except 1AG35)	B84	
Molding, Protective Body Side (5 Colors) Vinyl Insert		X
Radiator, Heavy Duty	V01	
Radiator Coolant Recovery Equipment	VQ1	X
Radio Equipment: Radios, Pushbutton - Includes concealed w/s antenna.		
AM Radio	U63	X
AM/FM Radio	U69	X
AM/FM/Stereo Radio	U58	X
Stereo Tape System with AM Radio	UM1	X
Stereo Tape System with AM/FM/Stereo Radio	UM2	X
Speaker, Rear Seat	U80	X
Radio, Citizens Band		X
Roof Cover, Vinyl	C08	
Retainer, Seat Belt Buckle		X
● Seat Contour Bucket, Special - 90° Swivel (not available on 1AC, 1AD29)	AN7	
Seat, Child Safety		X
Seat, Infant Safety		X
Ski Rack, Roof Top		X
Spotlight, Hand		X

EXTRA COST EQUIPMENT

<u>EQUIPMENT</u>	<u>RPO</u>	<u>ACC.</u>
<u>OTHER OPTIONS</u>		
Speed Control, Cruise		X
Steering Wheel, Comfortilt	N33	
Suspension, H.D. Front and Rear (all except station wagons)	F40	
Special Performance Front and Rear Suspension	F41	
Two-Tone Finish (all except station wagons)	D99	
Warmer, Interior Car		X
Wheels, Turbine I	PE1	
Wheel Covers, Wire	N95	X
Wheel Trim Covers, Full	P01	X
Windows, Rear Quarter Swing-Out (station wagons)	A20	
<u>FACTORY INSTALLED REGULAR PRODUCTION TIRES</u>		
E78 x 14 Bias Belted Ply Blackwall	QEG	
E78 x 14 Bias Belted Ply Whitewall	QEH	
G78 x 14 Bias Belted Ply Blackwall	QGK	
G78 x 14 Bias Belted Ply Whitewall	QGL	
G70 x 14 Bias Belted Ply White Lettered	QGF	
H78 x 14 Bias Belted Ply Blackwall (Wagon)	QHE	
H78 x 14 Bias Belted Ply Whitewall (Wagon)	QHF	
GR78 x 15 Steel Belted Radial Ply Whitewall	QGY	
HR78 x 15 Steel Belted Radial Ply Whitewall (Wagon)	QHX	
HR70 x 15 Steel Belted Radial Ply Whitewall	QQZ	
HR70 x 15 Steel Belted Radial Ply Blackwall	QRY	
GR70 x 15 Steel Belted Radial Ply White Lettered (El Camino)	QRZ	

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. Five air outlets: 1 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.

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

CHASSIS

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

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

"SS" OPTION RPO Z15

CONTENT OF EL CAMINO "SS" OPTION RPO Z15 WITH 1AD80

MODEL AVAILABILITY

El Camino Pickup (1AD80)

POWER TRAIN AVAILABILITY

Available with all V-8 engine/transmission/axle combinations
(See Power Train Section for applications)

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

BODY - Exterior

'SS' Grille emblem

Upper body side striping - includes 'SS' fender emblem, tailgate striping and
tailgate 'SS' emblem, two colors, black or white, keyed to body color

Body color racing mirrors, LH remote, RH manual

Delete fender 'El Camino' nameplate

BODY - Interior

Monte Carlo instrument cluster with black bezel

'SS' instrument panel identification

CHASSIS

Turbine wheels (urethane styled steel wheels), 14 x 7 with bright trim rings
and hub caps

G70-14 bias belted white lettered tires

CONTENT OF LAGUNA 'TYPE S-3, IAE37

MODEL AVAILABILITY

Laguna 'Type S-3' (IAE37)

POWER TRAIN AVAILABILITY

Available with all V-8 engine/transmission/axle combinations
(See Power Train Section for applications)

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

● BODY – Exterior

Specific identification
Sport stripes on front end and sides
Rocker sill molding deleted
Bumper guard – Front

● BODY – Interior

Bench Seat
Malibu Classic type steering wheel
Monte Carlo instrument cluster

● CHASSIS

14-Inch Rally wheels with trim rings
F41 special performance front and rear suspension
G70 x 14 blackwall bias belted tires
Power steering required



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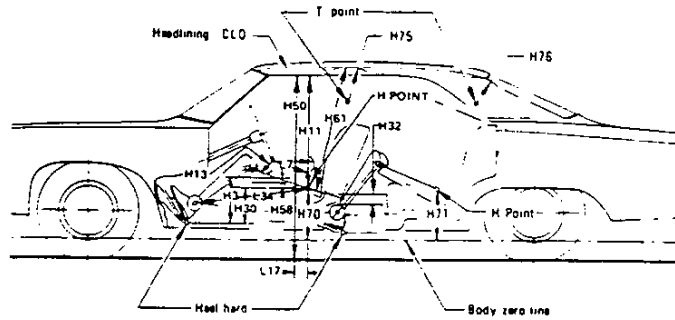
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DIMENSIONS AND WEIGHTS

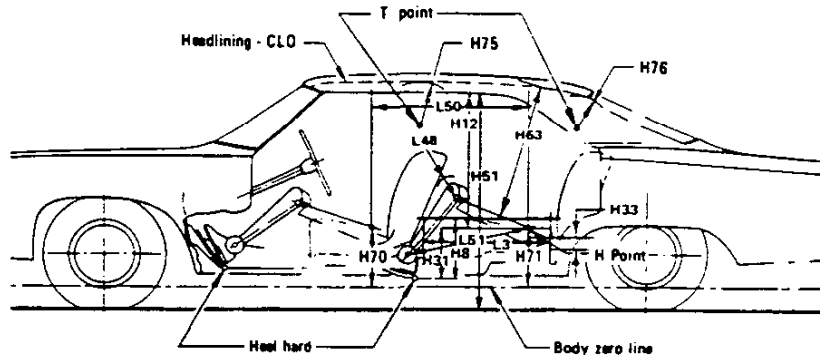
INTERIOR DIMENSIONS	2
LUGGAGE CAPACITY	2
STATION WAGON CARGO SPACE	3
EXTERIOR DIMENSIONS	4, 5
VEHICLE WEIGHTS	6
OPTIONAL EQUIPMENT	7

INTERIOR DIMENSIONS



FRONT COMPARTMENT

CODE	DESCRIPTION	4-DOOR SEDAN	SPORT COUPES	STATION WAGONS	SEDAN PICKUP
H-3	Seat cushion height			10.9	
H11	Entrance height	31.0	30.2	31.4	30.2
H13	Steering wheel thigh clearance			5.4	
H30	H point to heel point			8.7	
H32	Seat cushion deflection			3.1	
H50	Upper body opening to ground	49.9	49.2	50.6	49.8
H58	H point rise			0.5	
H61	Effective headroom	38.3	37.7	38.8	37.6
H70	H point to body O line			13.1	
H75	Effective 'T' point headroom	38.6	37.9	38.7	37.8
W3	Shoulder room		59.6	59.8	59.6
W5	Hip room			56.0	
L7	Steering wheel torso clearance			13.1	
L17	H point travel			5.2	
L34	Effective leg room			42.1	



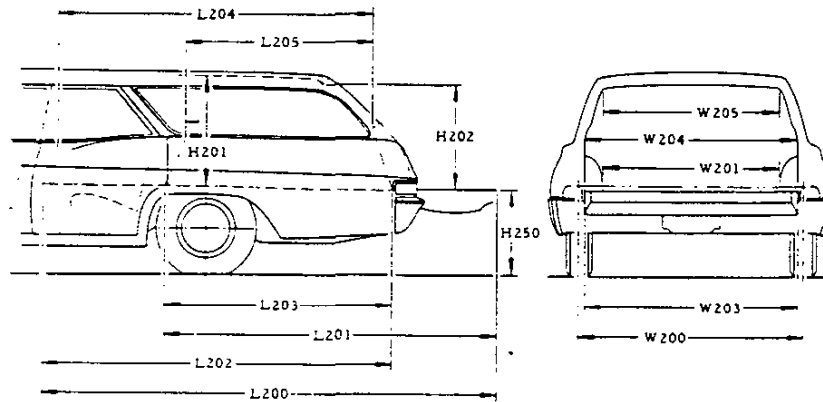
REAR COMPARTMENT

H8	Seat cushion height	13.4	12.2	13.2	-
H12	Entrance height	31.2	-	32.5	-
H31	H point to heel point	11.0	10.1	11.3	-
H33	Seat cushion deflection	3.6	3.7	4.2	-
H51	Upper body opening to ground	48.9	-	50.3	-
H63	Effective headroom	37.5	37.0	39.4	-
H71	H point to body O line	12.4	11.5	12.7	-
H76	Effective 'T' point headroom	37.2	36.8	39.4	-
W4	Shoulder room	58.9	57.5	58.9	-
W6	Hip room	57.9	52.9	57.0	-
L3	Rear compartment room	26.7	24.2	27.3	-
L50	H point couple distance	34.6	31.0	33.1	-
L51	Effective leg room	36.9	32.9	36.8	-

LUGGAGE COMPARTMENT

H195	Liftover height	22.0	-	-	-
V1	Usable luggage capacity (cu.ft.)	15.3	-	-	26.2

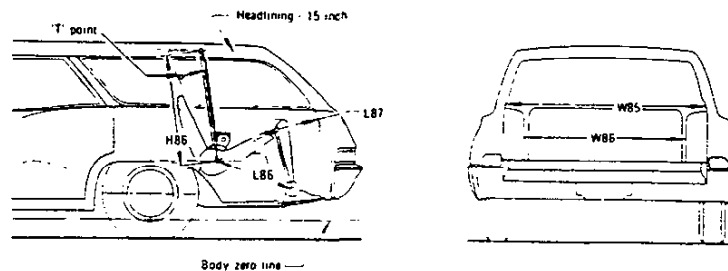
INTERIOR DIMENSIONS



STATION WAGON CARGO SPACE

CODE	DESCRIPTION	STATION WAGONS	SEDAN PICKUP
H201	Maximum cargo height	30.1	—
H202	Rear opening height	27.4	—
H250	Tailgate to ground height	38.2	26.2
W200	Cargo width-front	55.0	51.0
W201	Cargo width-wheelhouse	44.5	45.3
W203	Rear opening width at floor	61.2	57.0
W204	Rear opening width at belt	62.8	—
W205	Rear opening width above belt	49.0	—
L200	Maximum cargo length-front seat	90.2	—
L201	Maximum cargo length-second seat	53.9	—
L202	Cargo length at floor-front seat	90.2	80.8
L203	Cargo length at floor-second seat	53.9	—
L204	Cargo length at belt-front seat	82.9	71.4
L205	Cargo length at belt-second seat	48.7	—
V2	Total cargo index volume (cu.ft.)	85.0*	38.0

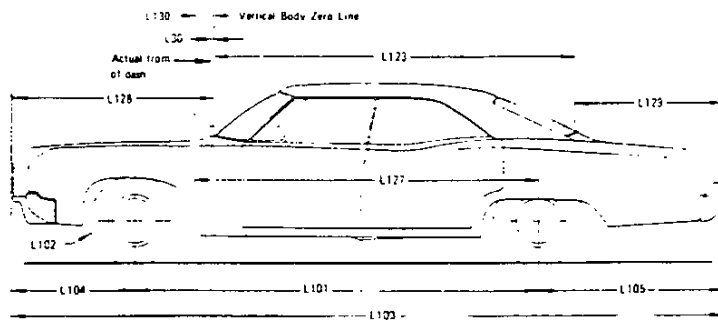
* Concealed stowage compartment (cu.ft.) 9.8 cu. ft. 2-seat, 5.8 cu. ft. 3-seat.



STATION WAGON THIRD SEAT

W85	Shoulder room	42.8	—
W86	Hip room	36.5	—
H86	Effective headroom	37.8	—
L86	Effective leg room	27.8	—
L87	Knee room	12.8	—

EXTERIOR DIMENSIONS



LENGTHS

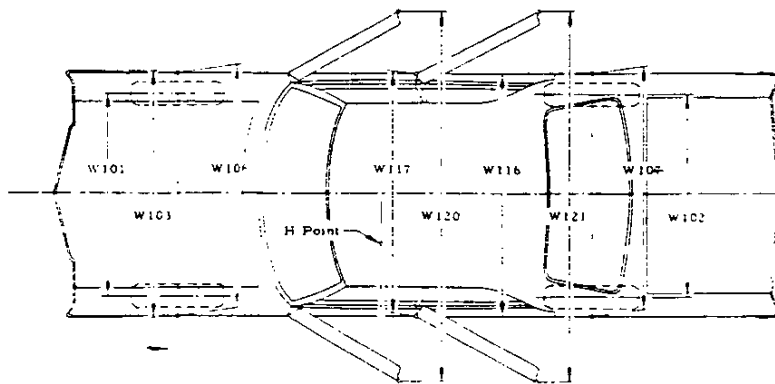
CODE	DESCRIPTION	4-DOOR SEDAN	SPORT COUPES	STATION WAGONS	SEDAN PICKUP
L101	Wheelbase	116.0	112.0	116.0	
L102	Tire size (standard)	E78-14 (a)(b)		H78-14	G78-14
L103	Overall length	209.2	205.2	215.2	
L104	Overhang, front				40.1
L105	Overhang, rear	53.2			59.1
-	Overall length - less bumpers	203.4	199.4	210.0	
L123	Body upper structure length at car center line	101.3	102.0	132.8	58.6
L127	Body O line to C/L of rear wheels	97.5	93.5	97.5	
L128	Front end length at center line				58.3
L129	Rear end length at center line	33.5	28.8	8.0	-
L130	Body zero plane to windshield cowl point				10.5
L30	Body O line to actual front of dash				- 0.5

(a) Sedans & Coupes, with V8 Engine G78-14 Tire

(b) Laguna Type 'S3' Coupe GR70-15 Tire

● * With Impact Strips

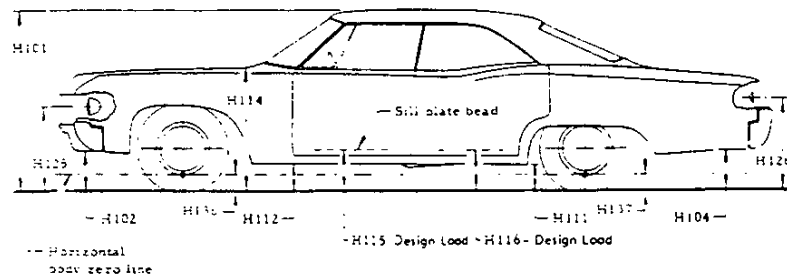
*	BASE MODELS			LAGUNA TYPE 'S3'
	4-DOOR	2-DOOR WAGONS & PICKUP	2-DOOR	2-DOOR
● L103	210.3	206.3	215.9	
● L104	40.6	40.6	40.6	40.10
● L105	53.7	53.7	59.3	54.84



WIDTHS

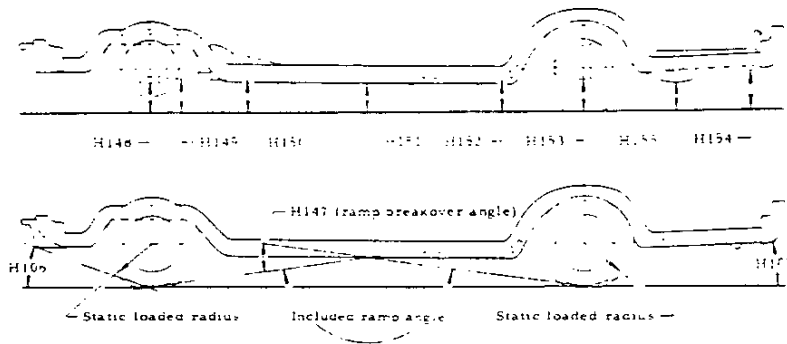
W101	Tread - front	61.5			
W102	Tread - rear	60.7			
W103	Maximum overall width of car	76.6			
W106	Front fender overall width	77.3			
W107	Rear fender overall width	76.3			
W116	Maximum overall width of body	76.9			
W117	Maximum body width at number 2 pillar	75.5	-	75.5	-
W120	Overall car width, front doors open	139.7	134.7	139.7	170.7
W121	Overall car width, rear doors open	134.7		134.7	

EXTERIOR DIMENSIONS



HEIGHTS

CODE	DESCRIPTION	4-DOOR SEDAN	SPORT COUPES	STATION WAGONS	SEDAN PICKUP
H101	Overall height (design)	53.8	53.1	55.7	53.9
H102	Front bumper to ground	11.6	12.1	12.6	
H104	Rear bumper to ground	12.0	11.9	11.3	10.6
H111	Rocker panel to ground - rear		8.2	9.4	8.9
H112	Rocker panel to ground - front		8.8	9.7	9.5
H114	Hood at rear to ground		38.8	39.7	39.5
H115	Step height - front (design)		12.7	13.7	13.4
H116	Step height - rear (design)	12.4	-	13.5	-
H125	Headlamp to ground	28.3	28.4	28.9	
H126	Tail lamp to ground	24.8	24.7	18.9	16.4
H136	Body O line to ground - front		5.9	6.6	6.5
H137	Body O line to ground - rear		5.4	6.7	6.0



CLEARANCES

H106	Angle of approach (degrees)	11°13'	11°19'	11°44'	
H107	Angle of departure (degrees)	15°49'	15°41'	13°19'	12°53'
H147	Ramp breakover angle (degrees)	13°53'	14°20'	15°4'	14°22'
H148	Front suspension to ground		5.1	5.8	5.7
H149	Oil pan to ground	5.4	6.3	6.3	6.2
H150	Flywheel housing to ground		5.5	6.2	6.1
H151	Frame to ground		5.9	6.8	6.6
H152	Exhaust system to ground		5.2	6.3	5.6
H153	Rear axle to ground	6.1	6.0	7.4	6.8
H154	Fuel tank to ground		6.9	10.3	9.4
H155	Tire well to ground		-	8.6	-
H156	Minimum ground clearance		5.1 (a)	4.8 (a)	5.6 (b)

(a) Front suspension to ground.

(b) Exhaust system to ground.

VEHICLE WEIGHTS

MODEL TYPE

MODEL DESIGNATION	BASE ENGINE	VEHICLE TYPE	SHIPPING WEIGHT			CURB WEIGHT		
			Front	Rear	Total	Front	Rear	Total
1AC37	250 Cu.In. L6 (L22)	2-Door Coupe	2060	1513	3573	2039	1644	3683
1AC29	250 Cu.In. L6 (L22)	4-Door Sedan	2077	1561	3638	2056	1692	3748
1AC35	350 Cu.In. V8 (L65)	4-Door Station Wgn.	2155	2036	4191	2131	2167	4298
1AC80	350 Cu.In. V8 (L65)	2-Door Pickup	2209	1608	3817	2188	1739	3927
1AD37	250 Cu.In. L6 (L22)	2-Door Coupe	2075	1534	3609	2054	1665	3719
1AD29	250 Cu.In. L6 (L22)	4-Door Sedan	2104	1591	3695	2083	1722	3805
1AD35	350 Cu.In. V8 (L65)	4-Door Station Wgn.	2207	2076	4283	2183	2207	4390
1AD80	350 Cu.In. V8 (L65)	2-Door Pickup	2226	1606	3832	2205	1737	3942
1AE37	350 Cu.In. V8 (L65)	2-Door Coupe	2317	1634	3951	2296	1765	4061
1AG35	350 Cu.In. V8 (L65)	4-Door Station Wgn.	2214	2092	4306	2190	2223	4413

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.

VEHICLE WEIGHTS

OPTIONAL EQUIPMENT

RPO	OPTION	WITH	WEIGHT
C60	Air Conditioning (V8 only)		+ 92
N41	Power Steering		+ 28
J50	Power Brakes		+ 11
A31	Power Windows	1AD29, 35, 37, 1AE37, 1AG35	+ 20
		1AD80	+ 9
A42	Power Seat 6-Way Bench	1AD29, 35, 37, 1AE37, 1AG35	+ 24
AN7	Bucket Seat - Swivel	1AD37, 80, 1AE37	+ 11
AU3	Electric Door Locks	Used with 2-Door Models	+ 7
		Used with 4-Door Models	+ 15
AQ4	Station Wagon - 3rd Seat		+ 32
B37	Front and Rear Floor Mats	1AA29, 35, 37	+ 9
B37	Front Floor Mat	1AA80	+ 6
CA1	Electric - Sun Roof	1AC37, 1AD37, 1AE37	+ 46
CB1	Landau Roof Cover		+ 4
CO8	Vinyl Roof Cover	All except Station Wagons	+ 8
CS1	Rear Window Air Deflector	Station Wagons	+ 6
		4-Speed Transmission	+ 8
D55	Floor Console	Turbo Hydra-matic Transmission	+ 15
		All except Station Wagons and Pickup	+ 25
PE1	Turbine I Wheels, 14 x 7 (urethane styled steel wheels)	Station Wagons and Pickup	+ 15
		Station Wagons	+ 20
V55	Roof Luggage Carrier		+ 6
U63	Radio AM Push Button		+ 8
U69	Radio AM/FM Push Button		+ 15
U58	Radio AM/FM Stereo		+ 20
UM1	Radio AM Push Button and Tape		+ 21
UM2	Radio AM/FM Push Button and Tape		+ 14
V30	Front and Rear Bumper Guards	All except Station Wagon and Pickup	+ 7
V30	Front Bumper Guards Only	Station Wagon and Pickup	+ 13
Base	250 Cu. In. L6 Engine	Turbo Hydra-matic Transmission	+180
L65	350 Cu. In. V8 Engine	Turbo Hydra-matic Transmission	+184
LM1	350 Cu.In. V8 Engine	1AC-1AD29, 37	+ 34
		1AC35, 1AE37	+ 4
		1AD-1AG35	+ 34
		1AC-1AD80	+240
LF6	400 Cu.In. V8 Engine	1AC35, 1AD80,	+ 40
		1AE37	+40
		1AD-1AG35	+ 11
		1AC-1AD29, 37	+255
LT4	400 Cu.In. V8 Engine	1AC35, 1AC-1AD80,	+ 46
		1AE37	+ 46
		1AD-1AG35	+ 15
		1AC-1AD37	+379
LS4	454 Cu. In. V8 Engine	1AE37	+227
		1AC-1AD80	+222
		1AC-1AD29	+421
LS4	454 Cu. In. V8 Engine	1AC-1AD37	+425
		1AC35	+258
		1AC80-1AD80	+268
		1AD35-1AG35	+224
		1AE37	+331



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2
3

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BODY

EXTERIOR PAINT PROCESS	2
EXTERIOR-INTERIOR COLORS	3, 4, 5, 6, 7, 8
BODY CONSTRUCTION AND GLASS AREA	9

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	Maroon	Brown	Russet	Med. Saddle
White C/O	11	X	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								
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								
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		
Russet Orange Met.	66	X	X							X	X
Dark Taupe Met.	69	X	X			X	X		X		X
Red Metallic	74	X	X					X			

EXTERIOR-INTERIOR COLORS

1974 CHEVELLE AND EL CAMINO 'A' INTERIOR - EXTERIOR COLOR COMBINATIONS

Model	Seat Type	INTERIOR TRIM					
		Black					
		Cloth	Cloth	Cloth	Cloth	Sport Cloth	Perf. Vinyl with Green Seats
Carpet Color	19F*	75F*	24F*	66F*	19F	19F	
Malibu - 1AC00 Sport Sedan (29)	Bench	701	701	701	701		894
	Bucket						
Sport Coupe (37)	Bench	701	701	701	701		894
	Bucket						
Station Wagon (35)	Bench						
	Bucket						
El Camino (80)	Bench	701	701	701	701		894
	Bucket						
Laguna Type 'S3' - 1AE00 Sport Coupe (37)	Bucket	703				704	
Malibu Classic - 1AD00 Sport Sedan (29)	Bench	702	702				
	Bucket	702	702				
Sport Coupe (37)	Bench	702	702				
	Bucket	702	702				
Station Wagon (35)	Bench						
	Bucket						
El Camino Classic (80)	Bench	702	702				
	Bucket	702	702				
Malibu Classic Estate - 1AG00 Station Wagon (35)	Bench						
	Bucket						
EXTERIOR COLORS		Color Code					
White C/O	11	X	X	X	X	X	X
Black C/O	19	X	X	X	X	X	X
Medium Blue Metallic C/O	24	X	-	X	-	X	-
Bright Blue Metallic C/O	26	X	-	X	-	X	X
Dark Blue Metallic C/O	29	X	-	X	-	X	-
Bright Aqua Metallic	36	X	-	-	-	X	-
Medium Green	44	X	-	-	-	X	X
Bright Green Met.	46	X	-	-	-	X	X
Dark Green Metallic	49	X	-	-	-	X	X
Cream-Beige	50	X	-	-	-	X	X
Colonial Gold	55	X	-	-	-	X	-
Golden Brown Met.	59	X	-	-	-	X	-
Silver Taupe Met. C/O	64	X	X	X	X	X	-
Russet Orange Met.	66	X	-	-	X	X	-
Dark Taupe Metallic	69	X	-	-	-	X	-
Red Metallic	74	X	X	-	-	X	-
TWO TONE		Color Code					
Lower	Upper						
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
Colonial Gold	White	55-11	X	-	-	-	X
Russet Orange Met.	White	66-11	X	-	-	X	X
Red Metallic	White	74-11	X	X	-	-	X

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

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

EXTERIOR-INTERIOR COLORS

1974 CHEVELLE AND EL CAMINO 'A' INTERIOR - EXTERIOR COLOR COMBINATIONS

Model	Seat Type	INTERIOR TRIM							
		Black							
		Perf. Vinyl	Perf. Vinyl	Perf. Vinyl	Vinyl	Vinyl	Vinyl with White Seats	Perf. Vinyl	
Carpet Color	19F*	75F*	66F*	19F*	75F*	19F	19F		
Malibu - 1AC00 Sport Sedan (29)	Bench	891	891	891					
	Bucket	891	891	891					
	Sport Coupe (37)	Bench	891	891	891				
		Bucket	891	891	891				
	Station Wagon (35)	Bench	891	891	891				
		Bucket	891	891	891				
El Camino (80)	Bench	891	891	891					
	Bucket	891	891	891					
Laguna Type 'S3' - 1AE00 Sport Coupe (37)	Bucket						708		
Malibu Classic - 1AD00 Sport Sedan (29)	Bench				707	707	747		
	Bucket				707	707	747		
	Sport Coupe (37)	Bench				707	707	747	
		Bucket				707	707	747	
	Station Wagon (35)	Bench				707	707	747	
		Bucket				707	707	747	
El Camino Classic (80)	Bench				707	707	747		
	Bucket				707	707	747		
Malibu Classic Estate - 1AG00 Station Wagon (35)	Bench				707	707			
	Bucket				707	707			
EXTERIOR COLORS		Color Code							
White C/O	11	X	X	X	X	X	X	X	
Black C/O	19	X	X	X	X	X	X	X	
Medium Blue Metallic C/O	24	X	-	-	X	-	-	X	
Bright Blue Metallic C/O	26	X	-	-	X	-	-	X	
Dark Blue Metallic C/O	29	X	-	-	X	-	-	X	
Bright Aqua Metallic	36	X	-	-	X	-	-	X	
Medium Green	44	X	-	-	X	-	-	X	
Bright Green Met.	46	X	-	-	X	-	-	X	
Dark Green Metallic	49	X	-	-	X	-	-	X	
Cream-Beige	50	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	
Russet Orange Met.	66	X	-	X	X	-	-	X	
Dark Taupe Metallic	69	X	-	-	X	-	-	X	
Red Metallic	74	X	X	-	X	X	-	X	
TWO TONE		Color Code							
Lower	Upper								
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	-	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	

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

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

EXTERIOR-INTERIOR COLORS

1974 CHEVELLE AND EL CAMINO 'A' INTERIOR - EXTERIOR COLOR COMBINATIONS

Model	Seat Type	INTERIOR TRIM									
		Midnight Blue				Medium Green				Dark Oxblood	
		Cloth	Perf. Vinyl	Vinyl	Vinyl with White Seats	Cloth	Perf. Vinyl	Perf. Vinyl with Lt. Neut. Seats	Vinyl	Perf. Vinyl	Cloth
	Carpet Color	29F	29F	29F	29F	44F	44F	44F	44F	73F	73F
Malibu - 1AC00 Sport Sedan (29)	Bench					723	793	830			
	Bucket							830			
Sport Coupe (37)	Bench		897			723	793	830			
	Bucket							830			
Station Wagon (35)	Bench							830			
	Bucket							830			
El Camino (80)	Bench		897			723	793	830			
	Bucket							830			
Laguna Type 'S3' - 1AE00 Sport Coupe (37)	Bucket								719	720	
Malibu Classic - 1AD00 Sport Sedan (29)	Bench	732			755	724			728		743
	Bucket				755				728		743
Sport Coupe (37)	Bench	732			755	724			728		743
	Bucket				755				728		743
Station Wagon (35)	Bench			735					728		
	Bucket			735					728		
El Camino Classic (80)	Bench	732			755	724			728		
	Bucket				755				728		
Malibu Classic Estate - 1AG00 Station Wagon (35)	Bench			735					728		
	Bucket			735					728		
EXTERIOR COLORS		Color Code									
White C/O	11		X		X	X		X	X	X	
Black C/O	19		X		X	X		X	X	X	
Medium Blue Metallic C/O	24		X		X						
Bright Blue Metallic C/O	26		X								
Dark Blue Metallic C/O	29		X		X						
Bright Aqua Metallic	36										
Medium Green	44					X		X	X		
Bright Green Met.	46					X		X	X		
Dark Green Metallic	49					X		X	X		
Cream-Beige	50					X		X	X	X	
Colonial Gold	55										
Golden Brown Met.	59										
Silver Taupe Met. C/O	64										X
Russet Orange Met.	66										
Dark Taupe Metallic	69										
Red Metallic	74										X
TWO TONE		Color Code									
Lower	Upper										
Medium Blue Met.	White	24-11	X		X						
Dark Blue Met.	White	29-11	X		X						
Bright Aqua Met.	White	36-11									
Medium Green	White	44-11				X		X	X		
Dark Green Met.	White	49-11				X		X	X		
Colonial Gold	White	55-11									
Russet Orange Met.	White	66-11									
Red Metallic	White	74-11									X

* - Carpet color. 29F - Midnight Blue, 44F - Dark Green, 73F - Dark Oxblood.

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

EXTERIOR-INTERIOR COLORS

1974 CHEVELLE AND EL CAMINO 'A' INTERIOR - EXTERIOR COLOR COMBINATIONS

Model		INTERIOR TRIM							
		Seat Type	Lt. Neutral			Medium Saddle			
			Cloth	Perf. Vinyl	Vinyl	Perf. Vinyl	Vinyl	Perf. Vinyl	Cloth
Carpet * Color		60F	60F	60F	60F	65F	65F	65F	
Malibu - 1AC00 Sport Sedan (29)		Bench		892					
		Bucket		892					
Sport Coupe (37)		Bench		892					
		Bucket		892					
Station Wagon (35)		Bench		892					
		Bucket		892					
El Camino (80)		Bench		892					
		Bucket		892					
Laguna Type 'S3' - 1AE00 Sport Coupe (37)		Bucket					718	731	
Malibu Classic - 1AD00 Sport Sedan (29)		Bench	722		714		740		
		Bucket			714		740		
Sport Coupe (37)		Bench	722		714		740		
		Bucket			714		740		
Station Wagon (35)		Bench			714		740		
		Bucket			714		740		
El Camino Classic (80)		Bench	722		714		740		
		Bucket			714		740		
Malibu Classic Estate - 1AG00 Station Wagon (35)		Bench			714		740		
		Bucket			714		740		
EXTERIOR COLORS		Color Code							
White C/O		11	X		X		X		
Black C/O		19	X		X		X		
Medium Blue Metallic C/O		24	-		-		-		
Bright Blue Metallic C/O		26	-		-		-		
Dark Blue Metallic C/O		29	-		-		-		
Bright Aqua Metallic		36	X		X		-		
Medium Green		44	X		X		-		
Bright Green Metallic		46	X		X		-		
Dark Green Metallic		49	X		X		X		
Cream-Beige		50	X		X		X		
Colonial Gold		55	X		X		-		
Golden Brown Metallic		59	X		X		X		
Silver Taupe Metallic C/O		64	X		X		X		
Russet Orange Met.		66	X		X		X		
Dark Taupe Metallic		69	X		X		X		
Red Metallic		74	-		-		X		
TWO TONE		Color Code							
Lower	Upper	Code							
Medium Blue Met.	White	24-11	-		-		-		
Dark Blue Met.	White	29-11	-		-		-		
Bright Aqua Met.	White	36-11	X		X		-		
Medium Green	White	44-11	X		X		-		
Dark Green Met.	White	49-11	X		X		-		
Colonial Gold	White	55-11	X		X		X		
Russet Orange Met.	White	66-11	X		X		-		
Red Metallic	White	74-11	-		-		X		

* - Carpet color. 60F - Midnight Neutral, 65F - Dark Saddle.

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

EXTERIOR-INTERIOR COLORS

1974 LAGUNA EXTERIOR COLOR - INTERIOR COLOR, VINYL TOP, AND STRIPE COMBINATIONS

ITEM	EXTERIOR BODY COLOR - LOWER	EXTERIOR BODY COLOR - UPPER	(1) RPO C08 VINYL TOP COLOR	(2) BODY SIDE AND FRONT STRIPE COLOR	INTERIOR TRIM							
					703 Black Cloth	704 B/W Sport Cloth	708 Black Vinyl	719 Oxblood Vinyl	720 Oxblood Cloth	718 Saddle Vinyl	731 Saddle Cloth	
1	WA3967 White	WA3967 White	White	4533 Red Met.	X	X	X	X (*)	X (*)	-	-	-
2	WA3967 White	WA3967 White	White	4223 Golden Brown Met.	-	-	-	-	-	X	X	X
3	WA3967 White	---	Maroon	4533 Red Met.	X	X	X	X (*)	X (*)	-	-	-
4	WA3967 White	---	Med., Saddle	4223 Golden Brown Met.	-	-	-	-	-	X	X	X
5	WA848 Black	WA848 Black	Black	4533 Red Met.	X	X	X	X (*)	X (*)	-	-	-
6	WA848 Black	WA848 Black	Black	4223 Golden Brown Met.	X	X	X	-	-	X (*)	X (*)	X (*)
7	WA848 Black	WA848 Black	Black	3967 White	X	X	X	-	-	-	-	-
8	WA848 Black	---	Maroon	4533 Red Met.	X	X	X	X (*)	X (*)	-	-	-
9	WA848 Black	---	Med., Saddle	4223 Golden Brown Met.	X (*)	X	X	-	-	X	X	X
10	WA848 Black	---	White	3967 White	X	X	X	-	-	-	-	-
11	WA4533 Red Met.	WA4533 Red Met.	Maroon	3967 White	X	X	X	X (*)	X (*)	X	X	X
12	WA4533 Red Met.	---	White	3967 White	X	X	X	X (*)	X (*)	-	-	-
13	WA4533 Red Met.	---	Black	3967 White	X	X	X	X	X	-	-	-
14	WA4319 Silver Taupe Met.	WA4319 Silver Taupe Met.	Silver Taupe	4533 Red Met.	X	-	-	X (*)	X (*)	-	-	-
15	WA4319 Silver Taupe Met.	WA4319 Silver Taupe Met.	Silver Taupe	3967 White	X	X	X	-	-	-	-	-
16	WA4319 Silver Taupe Met.	---	Maroon	4533 Red Met.	X	X	X	X (*)	X (*)	-	-	-
17	WA4319 Silver Taupe Met.	---	Black	3967 White	X	X	X	X	X	-	-	-
18	WA4319 Silver Taupe Met.	---	Black	4533 Red Met.	X	X	X	X	X	-	-	-
19	WA4518 DK. Taupe Met.	WA4518 DK. Taupe Met.	Brown	3967 White	X	-	-	-	-	X (*)	X (*)	X (*)
20	WA4518 Dk. Taupe Met.	---	Med., Saddle	3967 White	-	-	-	-	-	X	X	X
21	WA4501 Russet Orange Met.	WA4501 Russet Orange Met.	Russet	3967 White	X	-	-	-	-	X (*)	X (*)	X (*)
22	WA4501 Russet Orange Met.	---	Med., Saddle	3967 White	-	-	-	-	-	X (*)	X (*)	X (*)
23	WA4501 Russet Orange Met.	---	Black	3967 White	X	X	X	X	X	X	X	X
24	WA4501 Russet Orange Met.	---	Black	3967 White	X	X	X	X	X	-	-	-

(1) Vinyl top is forced option until new quarter upper is available.
 (2) Stripe color prefix is WU for methane front end and WA for sides
 (*) Preferred colors for dealer introduction.

TOTALS

- 61 Exterior Body Colors
- 7 Vinyl Top Colors
- 3 Stripe colors
- 3 Interior Colors (7 RPO's)
- (3) Stripe I.D. - 11A White, 59A Golden Brown Met., 74A Red Met.

BODY CONSTRUCTION AND GLASS AREA

GENERAL

Type Unisteel, with cowl, roof, underbody and body panels welded to form body shell. 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 plastic fender skirts. Energy absorbing air-gap windshield pillar moldings. Safety guard door beams. Contoured windshield header. Cargo guard luggage barrier on coupe and sedan models. Double panel roof. Open channel rocker panels.

DOORS AND LOCKS

Door construction Double steel panels, hinged at front.
 Door handles Lift bar with fork type door locks. Inside push-button locks and 2-position free-wheeling inside door handles on all doors.
 Front door glass Full window

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. Two hood stop pins mounted on the cowl.
 Hood release Internal; to left of stg. col. under inst. panel.

VENTILATION

High level air intake for passenger compartment with double wall plenum chamber. To assure constant flow, heater blower circulates air thru lower vent when ignition is on.

SEAT CONSTRUCTION

Type All seat cushions and backrests . . . Formed polyfoam

WINDSHIELD WIPERS AND WASHERS

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

HEADLAMPS

Type Single "Power Beam" units

SPARE TIRE AND TOOLS

Location Sedans and Sport Coupe, horizontal, front center of trunk floor; Station Wagon, vertically in right hand side of cargo compartment rear of wheelhouse behind removable cover. Tools consist of bumper jack with combination lever handle and wheel nut wrench stored under tire.

LIFTGATE

Type Top hinged with fixed back window and telescopic spring loaded assist tubes.

BODY GLASS VISIBILITY AREA

	MODELS				
	29	1AC37	1AD & 1AE37	35	80
Windshield	1332.6		1276.6	1332.6	1276.6 ●
Front Door Window	1101.6		1331.1	1101.6	1252.0
Rear Door Window	758.7		--	828.9	--
Rear Quarter Window	267.6	504.9	187.5 ●	1243.8	--
Back Window	1262.9		1307.2	926.1	573.2
Total Area (Sq. In.)	4723.4	4419.2	4102.4 ●	5433.0	3101.8 ●



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FRAME AND FRONT SUSPENSION

FRAME

Description All welded perimeter frame with front crossmember, rear axle upper control arm crossmember, and rear crossmember. Rear axle kick-up box welded construction.

Body Mountings

Coupes 7 each side of frame,
10 double cushions and 4 single cushions
Sedans 7 each side of frame,
12 double cushion and 2 single cushions
Station Wagon & Pickup 7 each side of frame,
10 double cushion and 4 single cushions

FRONT SUSPENSION

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

Wheel travel (design)

Total 7.74
Jounce 3.54
Rebound 4.20
Wheel to spring travel ratio 2.09:1

CONTROL ARMS

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

STEERING KNUCKLES

Description Nodular iron with integral steering knuckle arm.

Spindle diameters

Inner bearing 1.2493-1.2498
Outer bearing7493-.7498

Spindle thread size 3/4-20 NEF-3 (modified)

Wheel bearing

Type Taper roller
Number Two per spindle

SPHERICAL JOINTS

Type Ball studs, upper self-adjusting for wear
Bearing surfaces

Upper Teflon-cotton composite on phenolic
Lower Sintered iron

SHOCK ABSORBERS

Type Direct, double-acting, hydraulic
Piston diameter 1.00

STABILIZER BAR

Type Link
Material HR steel
Diameter

Coupes, Sedans and Pickup 0.875
Station Wagons 1.00

FRONT WHEEL ALIGNMENT (Curb)

Camber (degrees) Left $P1 \pm 1/2$; Right $P1/2 \pm 1/2$

Caster (degrees)

Manual steering $N1-1/4 \pm 1/2$

Power steering $N1/4 \pm 1/2$

Toe (Total) $1/16 \pm 1/16$

Steering axis inclination (degrees) $9.6 @ 1^\circ$ 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 spring for the weight of the vehicle including optional equipment ordered by the customer.

FRONT SPRING SPECIFICATIONS

Part Number	Assy. Code	Cut-Off Length	Wire Dia.	Total Coils	Deflection Rate (lbs/in.)	HEIGHTS	
						Free	Working (In. @ Lbs.)
334444	KB	118.38	.665	7.79	400	15.10	11.0 @ 1630
334445	KF	118.41	.665	7.79	400	15.30	11.0 @ 1710
334446	KJ	128.94	.668	8.49	365	16.03	11.0 @ 1825
334447	KT	128.96	.668	8.49	365	16.23	11.0 @ 1900
334450	KU	132.09	.674	8.69	365	16.44	11.0 @ 1975
334451	KV	133.68	.677	8.79	365	16.64	11.0 @ 2050
334452	KW	135.26	.679	8.89	365	16.85	11.0 @ 2125
334453	KX	138.40	.685	9.09	365	17.06	11.0 @ 2200
334488	EM	128.91	.668	8.49	365	15.82	11.0 @ 1750
3988116	BH	146.09	.698	9.82	365	17.26	11.0 @ 2275
3988125	BT	146.63	.716	9.82	400	17.10	11.0 @ 2430
3988126	BW	148.23	.719	9.92	400	17.30	11.0 @ 2510
3988129	BU	112.46	.670	7.62	440	15.07	11.0 @ 1780
3988130	DT	124.95	.696	8.42	440	15.28	11.0 @ 1870
3988131	DU	124.98	.696	8.42	440	15.48	11.0 @ 1960
3988132	DW	125.01	.696	8.42	440	15.69	11.0 @ 2050
3988133	BV	137.60	.719	9.22	440	15.89	11.0 @ 2140
3988134	BZ	137.62	.719	9.22	440	16.09	11.0 @ 2230
3988135	JW	137.65	.719	9.22	440	16.30	11.0 @ 2320
3988136	JA	142.41	.727	9.52	440	16.50	11.0 @ 2410
3988137	JX	144.01	.730	9.62	440	16.71	11.0 @ 2500
6262425	DH	126.23	.680	8.29	400	15.70	11.0 @ 1870
6262426	DJ	126.26	.680	8.29	400	15.90	11.0 @ 1950
6262427	DK	129.40	.686	8.49	400	16.10	11.0 @ 2030
6262428	DL	130.99	.688	8.59	400	16.30	11.0 @ 2110
6262429	DM	132.58	.691	8.69	400	16.50	11.0 @ 2190
6262430	DN	135.73	.697	8.89	400	16.70	11.0 @ 2270
6272855	HE	137.32	.700	8.99	400	16.90	11.0 @ 2350
6272862	HH	118.44	.665	7.79	400	15.50	11.0 @ 1790

STEERING, DRIVELINE, WHEELS AND TIRES

STEERING

Wheel

Type Oval with center shroud
 Diameter 15.25 x 14.75
 Optional Tilt

Column Energy absorbing - mast jacket, shift tube and steering shaft designed to collapse under various front impact conditions

Gear Type

Manual (Standard) Recirculating ball nut
 Power (Optional) Integral, recirculating ball nut with hydraulic pressure provided from a vane type pump.

Ratios, Gear

Manual 28.0:1
 Power
 Except Pickups 16.0:1 on center to 13.0:1
 Pickups 15.0:1 on center to 13.0:1

Ratios, Overall

Manual 32.8:1 on center to 34.7:1
 Power
 Except Station Wagons & Pickups 17.6:1 on center to 14.3:1
 Station Wagons 18.7:1 on center to 16.1:1
 Pickups 16.5:1 on center to 14.3:1

Number of wheel turns, lock to lock

Manual 6.64
 Power
 Except St. Wagns. & Pickups 3.10
 Station Wagons 3.28
 Pickups 2.96

Linkage Parallelogram, front of wheels; hydraulic damper used on relay rod

Turning Diameters

Outside front, wall to wall
 Except Station Wagons 42.84
 Station Wagons 42.64
 Outside front, curb to curb
 Except Station Wagons 39.68
 Station Wagons 39.49

DRIVELINE

Type Tubular, exposed
 Number used One
 Diameter (O.D.) 3.00
 Length (C/L of U joints) 57.65
 Wall Thickness 0.065
 Universal Joints
 Type Cross
 Number used Two
 Bearings Pre-pack, anti-friction

WHEELS

Type Short spoke spider
 Size & Offset

 Except Laguna Type S-3 14 x 6 - .050
 Laguna Type S-3 15 x 7 - .034

Attachment to Hub

Type 5 hex nuts
 Thread size 7/16-20 UNF 2-B
 Bolt circle diameter 4.75

TIRES, STANDARD EQUIPMENT

Coupes & Sedans (L6 engine)

E78 x 14B - Bias belted
 Static loaded radius 12.02
 Loaded rev/mi @ 45 mph 796
 Capacity @ 24 psi 1190

Coupes, Sedans & Pickups (V8 engine) except Laguna

G78 x 14B - Bias belted
 Static loaded radius 12.40
 Loaded rev/mi @ 45 mph 772
 Capacity @ 24 psi 1380

Laguna Type S-3

● G70 x 14B - Bias belted
 Static loaded radius 12.31
 Loaded rev/mi @ 45 mph 777
 Capacity @ 24 psi 1310

Station Wagons

H78 x 14B - Bias belted
 Static loaded radius 12.69
 Loaded rev/mi @ 45 mph 752
 Capacity @ 24 psi 1510

TIRES, OPTIONAL EQUIPMENT

Coupes & Sedans except Laguna Type S-3

G70 x 14B - Bias belted
 GR70 x 15B - Steel belted radial
 GR78 x 15B - Steel belted radial

Laguna Type S-3

● GR70 x 15B - Steel belted radial
 HR70 x 15B - Steel belted radial

Station Wagons

HR78 x 15B - Steel belted radial
 HR70 x 15B - Steel belted radial

REAR AXLE AND SUSPENSION

REAR AXLE

Description	Semi-floating axle shafts housing consists of two welded tubes pressed into crossbore of cast iron carrier. Carrier contains an overhung hypoid drive pinion and supported by two taper roller bearings.
Drive pinion vertical offset	1.50
Hypoid gear PD (see Power Trains section, page 2 for application)	
2.73, 3.08, 3.42	8.50
2.73, 3.08, 3.42	8.875
Pinion bearing adjustment	Shim
Lubricant	
Type	Military Spec. MIL-L-2105-B
Viscosity	SAE 80
Capacity (pts)	
8.50 hypoid gear	4.25
8.875 hypoid gear	4.90

AXLE SHAFT

Type	Forged with 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	
(See Power Train Section for application)	
2.73	41.15
3.08	40.13
3.42	41.12
8.875 (See Power Trains)	
2.73	41.15
3.42	41.12
3.08	40.13

POSITRACTION DIFFERENTIAL (See Power Trains)

Type	Multiple disc clutches
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REAR SUSPENSION

Description	Link type, 2 upper and 2 lower control arms supporting rear axle. Drive and torque taken through control arms.
Wheel travel (design)	
Total	
Coupes and Sedans	8.67
Station Wagons and Pickups	8.10
Jounce	
Coupes and Sedans	3.80
Station Wagons and Pickups	3.00
Rebound	
Coupes and Sedans	4.87
Station Wagons and Pickups	5.10
Wheel to spring travel ratio	0.97:1

SHOCK ABSORBERS

Type	Direct, double-acting, hydraulic; air booster type for Sedan Pickup.
Piston diameter	1.00

REAR AXLE AND SUSPENSION

REAR 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.

REAR SPRING SPECIFICATIONS

Part Number	Assy. No.	Cut-Off Length	Wire Dia.	Total Coils	Deflection Rate (lbs./inch)	HEIGHTS	
						Free	Working (In. @ Lbs.)
485686	TW	98.5	.612	5.58	175	14.29	10.0 @ 750
485687	TG	103.5	.622	5.82	175	14.57	10.0 @ 800
485688	TH	106.1	.627	5.93	175	14.86	10.0 @ 850
485689	WL	106.1	.627	5.93	175	15.14	10.0 @ 900
485706	SC	97.1	.558	5.56	125	14.80	10.0 @ 600
485707	KJ	100.9	.565	5.73	125	15.20	10.0 @ 650
485719	TU	101.5	.533	6.12	115	15.65	10.0 @ 650
485720	TE	105.8	.540	6.33	115	16.09	10.0 @ 700
485721	TF	110.8	.548	6.59	115	16.52	10.0 @ 750
485722	ZX	115.3	.555	6.82	115	16.96	10.0 @ 800
485723	ZY	118.0	.559	6.95	115	17.39	10.0 @ 850
485736	TA	99.8	.558	6.01	140	15.00	10.0 @ 700
485737	ZZ	107.8	.572	6.41	140	15.36	10.0 @ 750
485738	WV	107.8	.572	6.41	140	15.71	10.0 @ 800
485739	WV	112.0	.579	6.62	140	16.07	10.0 @ 850
487391	KK	98.3	.577	5.60	140	14.64	10.0 @ 650

BRAKES

General	Type	Coupes, Sedans & Pickup Manual - Standard Power Assisted - Optional	Station Wagons Power Assisted - Standard
	System	Dual circuit hydraulic system with warning lights and self-adjusting features - metering and proportioning valves provide balance between front and rear brakes.	
Front Brakes	Type	Disc - single piston, floating caliper	
	Material	Cast iron - vented	
	Diameter and Width	11.0 x 1.03	
	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.)	35.36	
	Swept area (sq. in.)	217.9	
	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	9.5 x 2.0	11.0 x 2
	Lining material	Molded asbestos composition	
	Method of attachment	Riveted	
	Lining size (length x width x thickness)	Primary 7.58 x 2.0 x 0.23	Secondary 8.95 x 2.0 x 0.25
	Lining area (sq. in.)	69.68	81.64
	Effective area (sq. in.)	66.58	73.96
	Swept area (sq. in.)	119.40	138.20
	Piston diameter	0.875	.938
Apply System	Master cylinder diameter	1.00	1.00
	Piston travel	Manual 1.61; Power 1.46	1.46
	Pedal travel	Manual 8.90; Power 4.56	4.56
	Pedal ratio	Manual 6.3:1; Power 3.1:1	3.1:1
	Line pressure @ 100 lb. pedal load	700	
Parking Brake	Type	Mechanical - Pull rods and cables operate rear service brakes; parking brake 'ON' warning lamp provided	
	Control	Pendulum foot pedal; released by 'T' handle located on instrument panel left of steering wheel.	
	Total effective area	66.58	73.96

BULBS AND LAMPS

BULBS AND LAMPS	NUMBER REQUIRED AND TRADE NUMBER	CANDLE POWER PER LAMP
Automatic transmission quadrant	Column 1-168	3
Back-up	2-1156	32
Brake warning - alarm	1-168	3
Courtesy - instrument panel	2-631	6
Directional signal indicators	1-168	3
Dome	1-211	12
Generator indicator	1-168	3
Glove compartment	1-1891	2
Headlamp	2-6014	High beam 60W Low beam 50W
Headlamp hi-beam indicator	1-168	3
Heater controls	1-1445	7
Instrument cluster	4-168	3
License plate, rear	1-67	4
Luggage compartment	1-1003	15
Oil pressure indicator	1-168	3
Parking (all exc. Laguna Type S-3)		
Park	2-1157	3
Turn		32
Parking (Laguna Type S-3)		
Park	2-1157 NA	2
Turn		24
Radio dial RPO U63 and/or U69	1-1816	3
Radio dial and indicator	1-1816 (dial)	3-dial
RPO U58	1-66 (indicator)	1-indicator
Radio dial and indicator	1-564 (dial)	2-dial
RPO UM1 and/or UM2	1-66 (indicator)	1-indicator
Seat belt warning	1-168	3
Side Marker - Front	2-194	2
Side Marker - Rear	2-194	2
Station wagon and gate ajar indicator	1-168	3
Tail		
Tail	2-1157	3
Stop and turn		32
Temperature indicator	1-168	3
Underhood	1-93	15
W/S washer and light	1-168	2

FUSES AND CIRCUIT BREAKERS

CIRCUIT	TYPE OF PROTECTION	LOCATION AND CIRCUIT*
Air conditioning	30 amp fuse	In line
Auto. trans. quadrant lamp	25 amp fuse	Fuse panel (h)
Back-up lamps	4 amp fuse	Fuse panel (f)
Cigarette lighter	20 amp fuse	Fuse panel (b)
Clock	20 amp fuse	Fuse panel (e)
Courtesy lamps	20 amp fuse	Fuse panel (e)
Defogging unit	10 amp fuse	Fuse panel (c)
Direction signal indicator lamps	20 amp fuse	Fuse panel (b)
Dome lamp	20 amp fuse	Fuse panel (e)
Fuel gage	10 amp fuse	Fuse panel (c)
Generator indicator lamp	25 amp fuse	Fuse panel (h)
Glove compartment lamp	20 amp fuse	Fuse panel (e)
Headlamps	Circuit breaker	Light switch
Headlamps hi-beam indicator lamp	Circuit breaker	Light switch
Heater	25 amp fuse	Fuse panel (h)
Heater controls lamp	4 amp fuse	Fuse panel (f)
Instrument cluster lamps	4 amp fuse	Fuse panel (f)
Key buzzer	20 amp fuse	Fuse panel (e)
License plate lamp, rear	20 amp fuse	Fuse panel (d)
Luggage compartment lamp	20 amp fuse	Fuse panel (e)
Map lamp	10 amp fuse	Fuse panel (e)
Oil pressure indicator lamp	10 amp fuse	Fuse panel (c)
Override relay	10 amp fuse	Fuse panel (c)
Brake indicator lamp	10 amp fuse	Fuse panel (c)
Parking lamps	20 amp fuse	Fuse panel (d)
Power seats	30 amp CB	Firewall
Power windows	30 amp CB	Firewall
Radio	10 amp fuse	Fuse panel (g)
Radio lamp	4 amp fuse	Fuse panel (f)
Seat belt warning lamp	10 amp fuse	Fuse panel (e)
Seat belt warning buzzer	10 amp fuse	Fuse panel (e)
Side Marker lamp - Front	20 amp fuse	Fuse panel (d)
Side Marker lamp - Rear	20 amp fuse	Fuse panel (d)
Speed cruise control	10 amp fuse	Fuse panel (c)
Starter interlocking	10 amp fuse	Fuse panel (c)
Stop and turn lamps	20 amp fuse	Fuse panel (a)
Tail lamps	20 amp fuse	Fuse panel (d)
Temperature indicator lamp	10 amp fuse	Fuse panel (c)
Traffic hazard indicator	20 amp fuse	Fuse panel (a)
Transmission downshift	10 amp fuse	Fuse panel (g)
Underhood lamp	15 amp fuse	In line
Windshield washer light switch	4 amp fuse	Fuse panel (f)
Windshield wiper, two-speed	25 amp fuse	Fuse panel

* Letter suffix indicates same circuit



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POWER TRAINS

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POWER TEAM COMBINATIONS

ENGINE	TRANSMISSION	MODEL APPLICATION	AXLE RATIOS*		RING GEAR
			STAND.	TRAILER	
Turbo Thrift 250 250 Cubic Inch L-6 Standard-All states	3-Speed (2.85:1 low)	Malibu Sedans & Coupes	3.08:1		8.50
	Turbo Hydra-matic				
Turbo Fire 350 350 Cubic Inch V-8 RPO L65-Not Avail in California	3-Speed (2.54:1 low)	Sedans, Coupes & Pickups	3.08:1		8.50
	Turbo Hydra-matic		2.73:1	3.42:1	
	3-Speed (2.54:1 low)	Station Wagons	3.42:1		8.875
	Turbo Hydra-matic		3.08:1	3.42:1	
Turbo Fire 350 350 Cubic Inch V-8 RPO LM1 - California Only	3-Speed (2.54:1 low)	Sedans, Coupes & Pickups	3.08:1		8.50
	Turbo Hydra-matic		2.73:1	3.42:1	
	3-Speed (2.54:1 low)(a)	Station Wagons	3.42:1		8.875
	Turbo Hydra-matic		3.08:1	3.42:1	
Turbo-Fire 400 400 Cubic Inch V-8 RPO LF6-Not Avail in California	Turbo Hydra-matic	Coupes, Sedans & Pickups	2.73:1	3.42:1	8.50
		Station Wagons	3.08:1	3.42:1	8.875
Turbo-Fire 400 400 Cubic Inch V-8 RPO LT4 - California Only	Turbo Hydra-matic	Coupes, Sedans & Pickups	2.73:1	3.42:1	8.50
		Station Wagons	3.08:1	3.42:1	8.875
Turbo Jet 454 454 Cubic Inch V-8 RPO LS4-All states	4-Speed (2.20:1 low)	Coupes & Pickups	3.42:1		8.50
	Turbo Hydra-matic	Coupes, Sedans & Pickups	2.73:1	3.42:1	
		Station Wagons	2.73:1	3.42:1		8.875

* Positraction axles available optionally; same ratios available with Air Conditioning (V-8 engines only)

(a) Malibu Station Wagon only.

MULTIPLICATION FACTORS

WITH MANUAL TRANSMISSION

ENGINE	CARBURETION	TRANSMISSION	TOTAL GEAR REDUCTION*					AXLE RATIO
			1st	2nd	3rd	4th	Rev	
250 Cu.In. L-6 Standard - (Malibu Sedan & Coupes)	Single Barrel	3-Speed	8.78	5.17	3.08		4.09	3.08
350 Cu.In. V-8 RPO L65 & LM1 (All Models except Station Wagons)	2-Barrel (L65) 4-Barrel (LM1)	3-Speed	7.82	4.62	3.08		8.10	3.08
350 Cu.In. V-8 RPO L65 & LM1 (Station Wagons Only)	2-Barrel (L65) 4-Barrel (LM1)	3-Speed	8.68	5.13	3.42		8.99	3.42
454 Cu.In. V-8 RPO LS4 (All Models)	4-Barrel	4-Speed	7.52	5.60	4.34	3.42	7.73	3.42

WITH AUTOMATIC TRANSMISSION

ENGINE	TRANSMISSION	SELECTOR POSITION	TOTAL TORQUE MULTIPLICATION*	AXLE RATIO
250 Cu.In. L-6 Standard - (Malibu Sedans & Coupes)	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	
350 Cu.In. V-8 RPO L65 & LM1 (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	
350 Cu.In. V-8 RPO L65 & LM1 (Station Wagons only)	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 & LT4 (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. V8 RPO LF6 & LT4 (Station Wagons only)	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	
454 Cu.In. V-8 RPO LS4	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

ENGINE DATA AND RATINGS

GENERAL DATA

Engine Type	L-6 OHV	V8-OHV					
Piston Displacement (Cu.In.)	250	V8-350			V8-400		V8-454
Availability	Standard	L65	LM1	L16	LT4	LS4	
Number of Cylinders	Six	Eight					
Bore (nominal)	3.575	4.00			4.126		4.251
Stroke (nominal)	3.53	3.48			3.75		4.00
Compression Ratio	8.25:1	8.5:1			8.5:1		8.25:1
Taxable (SAE) Horsepower	36.0	51.2			54.5		57.5
Firing Order	1-5-3-6-2-4	1-8-4-3-6-5-7-2					
Idle Speed	3-Speed & 4-Speed (in neutral)	850			900		800
	Turbo Hydra-matic (in drive)	800					
Comp. Press. (PSI) @ Cranking Speed, Engine Hot	130	160					
Power Plant	Front	Two, preloaded captive cushion type					
Mountings	Rear	One: full shear type					
Measurements	1 in to rear of engine block	35.27			31.55		33.97
	Top of air cleaner to bottom of oil pan	27.76	29.60	28.52	28.52	29.60	29.12
	Width - including air cleaner	30.68	28.53			33.31	

ADVERTISED ENGINE RATING

Engine Designation	Turbo-Thrift 250 L6	Turbo-Fire 350 V8	Turbo-Fire 350 V8	Turbo-Fire 400 V8	Turbo-Fire 400 V8	Turbo-Jet 454 V8
Availability	L22 (Std.)	RPO L65	RPO LM1	RPO L16	RPO LT4	RPO LS4
Carburetor	Single Bbl	Two Bbl	Four Bbl	Two Bbl	Four Bbl	Four Bbl
Net Brake HP @ RPM	100 @ 3600	145 @ 3800	160 @ 3800	150 @ 3200	180 @ 3800	235 @ 4000
Net Torque @ RPM (lb-ft)	175 @ 1800	250 @ 2200	250 @ 2400	295 @ 2000	290 @ 2400	360 @ 2800

ENGINE SPEED AND PISTON TRAVEL

TURBO-THRIFT 250 L-6 ENGINE

Model Availability	Malibu & Malibu Classic Coupes & Sedans	
Transmission	3-Speed	Turbo Hydra-matic
Rear Axle Ratio	3.08:1	
Tire Size	E78 x 14B	
Crankshaft Revolutions per Mile	2451.7	
Crankshaft RPM @ 1 MPH	Low	116.5
	Second	68.6
	Third	40.9
	Reverse	120.5
Piston Travel (ft./mile)	1442.4	

TURBO-FIRE 350 V-8 ENGINE (RPO L65 & LMI)

Model Availability	Malibu & Malibu Classic Coupes & Sedans El Camino Pickup		Laguna Type 'S3' Coupe ●		Station Wagons	
Transmission	3-Speed	Trb/Hyd	3-Speed	Trb/Hyd	3-Speed	Trb/Hyd
Rear Axle Ratio	3.08:1	2.73:1	3.08:1	2.73:1	3.42:1	3.08:1
Tire Size	G78 x 14B		G70 x 14B		H78 x 14B	
Crankshaft Revolutions per Mile	2377.8	2107.6	2395.2	2121.2	2571.8	2316.2
Crankshaft RPM @ 1 MPH	Low	100.7	88.5	101.3	89.9	108.8
	Second	59.4	53.3	64.8	53.7	64.3
	Third	39.6	35.1	39.9	35.4	42.9
	Reverse	104.2	67.8	104.9	68.2	112.7
Piston Travel (ft./mile)	1379.1	1222.4	1357.7	1203.4	1491.7	1343.4

TURBO-FIRE V-8 ENGINE (400 CU.IN. RPO LF6 & LT4)

Model Availability	Malibu & Malibu Classic Coupes & Sedans El Camino Pickup	Laguna Type 'S3' Coupe ●	Station Wagons
Transmission	Turbo Hydra-matic		
Rear Axle Ratio	2.73:1		3.08:1
Tire Size	G78 x 14B	G70 x 14B	H78 x 14B
Crankshaft Revolutions per Mile	2107.6	2121.2	2316.2
Crankshaft RPM @ 1 MPH	Low	88.5	97.3
	Second	53.3	58.7
	Third	35.1 (direct)	38.6 (direct)
	Reverse	67.8	74.5
Piston Travel (ft./mile)	1317.2	1296.7	1447.6

TURBO-JET 454 V-8 ENGINE

Model Availability	Malibu & Malibu Classic Coupes & Sedans El Camino Pickup		Laguna Type 'S3' Coupe ●		Station Wagons
Transmission	4-Speed	Trb/Hyd	4-Speed	Trb/Hyd	Turbo Hydra-matic
Rear Axle Ratio	3.42:1	2.73:1	3.42:1	2.73:1	2.73:1
Tire Size	G78 x 14B		G70 x 14B		H78 x 14B
Crankshaft Revolutions per mile	2640.2	2107.6	2657.3	2121.2	2053.0
Crankshaft RPM @ 1 MPH	Low	96.8	87.1	89.9	84.9
	Second	72.2	52.0	72.6	50.6
	Third	55.9	35.1	56.2	35.3
	Fourth	44.0		44.3	
	Reverse	99.4	73.1	100.1	68.2
Piston Travel (ft./mile)	1760.1	1405.0	1732.5	1383.2	1368.0

VEHICLE PERFORMANCE FACTORS

ENGINE	250 CU.IN. 100 HP	350 CU.IN. 145 HP	400 CU.IN. 150 HP	400 CU.IN. 180 HP	454 CU.IN. 235 HP
MODEL	1AC29	1AD29	1AD37	1AE37	1AE37

3-SPEED TRANSMISSION

Performance Weight (pounds)	4348	4555			
Pounds per Net Horsepower	43.48	31.41			
Pounds per Cu.In. Displacement	17.39	13.01			
Net HP per Cu.In. Displacement	.400	.414			
Power Displacement (cu.ft./mile)	177.35	240.80			
Displacement Factor (cu.ft./ton mile)	81.72	105.61			

4-SPEED TRANSMISSION

Performance Weight (pounds)					4888
Pounds per Net Horsepower					20.80
Pounds per Cu.In. Displacement					10.77
Net HP per Cu.In. Displacement					.517
Power Displacement (cu.ft./mile)					3490.8 ●
Displacement Factor (cu.ft./ton mile)					143.07 ●

TURBO HYDRA-MATIC

Performance Weight (pounds)	4361	4585	4499	5069	4974
Pounds per Net Horsepower	43.61	31.62	29.99	28.16	21.16
Pounds per Cu.In. Displacement	17.44	13.10	12.85	12.67	10.96
Net HP per Cu.In. Displacement	.400	.414	.375	.450	.517
Power Displacement (cu.ft./mile)	177.35	213.43	243.93	245.51 ●	278.65 ●
Displacement Factor (cu.ft./ton mile)	81.35	93.20	108.41	97.04 ●	111.91 ●

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	
L6-250 Cu.In.	3.8745-3.8775
V8-350 Cu.In.	3.9995-4.0025
V8-400 Cu.In.	4.1245-4.1275
V8-454 Cu.In.	4.2500-4.2520
Bearing Caps (Number, material & attachment)	
L6-250 Cu.In.	7, cast iron, 2-bolt
V8-350 & 400 Cu.In.	5, cast iron, 2-bolt
V8-454 Cu.In.	5, cast iron, 2-bolt
Water Jacket	Full length around each cylinder
Bore Spacing (Centerline to Centerline)	
L6-250 Cu.In.	4.4
V8-350 & 400 Cu.In.	4.4
V8-454 Cu.In.	4.84

CYLINDER HEAD

Material	High chrome cast alloy iron
Bolt No. & Size	
L6-250 Cu.In.	10; .500 dia, 13 threads/in.
V8-350 & 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)	
L6-250 Cu.In.	5.93 Cu.In.
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	
L6 engine	3 port, rectangular section
V8 engines	8 port, double deck

EXHAUST MANIFOLD

Material	Cast alloy iron
Type	
L6-250 Cu.In.	4 port, center downtake
V8-350 & 400 Cu.In.	Dual, 4 port, rear downtake
V8-454 Cu.In.	Dual, 4 port, rear downtake
Outlet Diameter	
L6-250, V8-350 & 400 Cu.In.	2.0
V8-454 Cu.In.	2.5

CRANKSHAFT

Material	Cast nodular iron
End Play	
L6-250 Cu.In.	.002-.006
V8-350 & 400 Cu.In.	.002-.007
V8-454 Cu.In.	.006-.010
Counter Weights	
L6-250 Cu.In.	12
V8-350, 400 & 454 Cu.In.	6
Crank Arm Length	
L6-250 Cu.In.	1.765
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	
L6	Steel; helical cut
V8	Steel; sprocket & chain
Pulley Pitch Diameter	6.64

MAIN BEARINGS

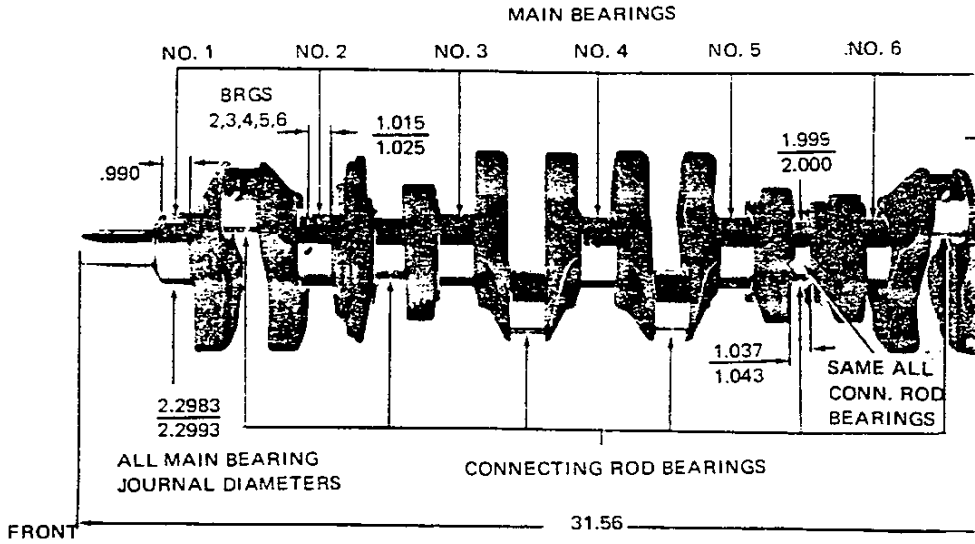
Material	Steel backed insert; (copper lead alloy or premium aluminum lining selected for specific engine application)
Type	Precision removable
Thrust Against Bearing No.	L6-No. 7; V8-No. 5
Clearance	
L6-250 Cu.In.	.0003-.0029
V8-350 & 400 Cu.In.	(No. 1) .0008-.0020; (No. 2-3-4) .0011-.0023; (No. 5) .0017-.0033
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
L6-250 Cu.In.			
Bearing No. 1-6	2.3004	.752	1.7299
Bearing No. 7	2.3004	.760	1.7483
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

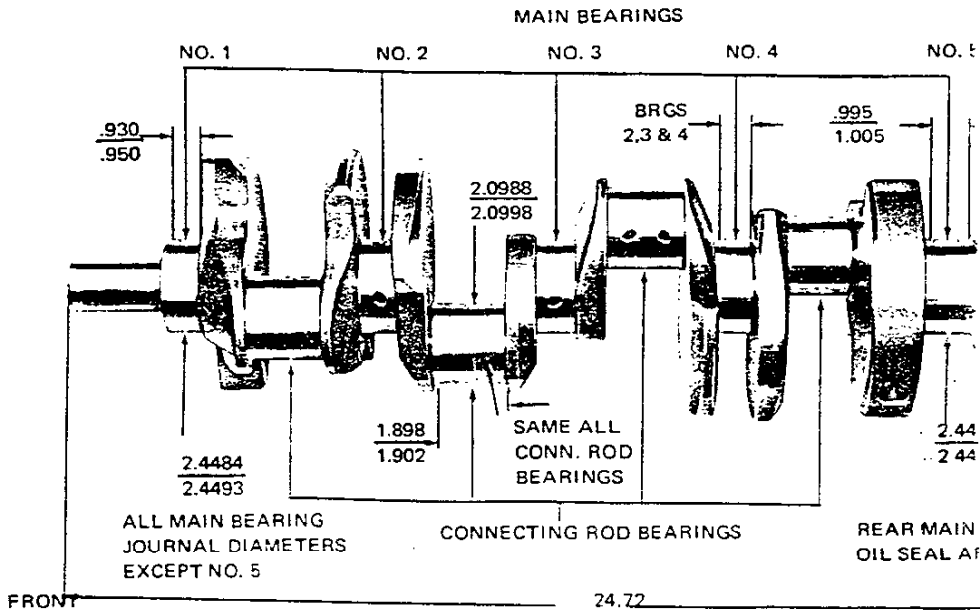
PRINCIPAL COMPONENTS

CRANKSHAFTS AND BEARINGS

250 CUBIC INCH SIX CYLINDER ENGINE



350 CUBIC INCH V-8 ENGINES



PRINCIPAL COMPONENTS

CAMSHAFT

Material Cast alloy iron
 Drive
 L6 Gear: bakelite and fabric composition
 V8 Sprocket & chain; steel
 Lobe Lift
 Manual Trans.-all states & auto. trans in Calif.
 L6-250 Cu.In.2217 Inlet; .2315 Exhaust
 Auto. Trans.-all states except Calif.
 L6-250 Cu.In.2217 Inlet & Exhaust
 All states except California
 V8-350 & 400 Cu.In. . .2600 Inlet; .2733 Exhaust
 California only
 V8-350 & 400 Cu.In. . .2670 Inlet; .2733 Exhaust
 V8-454 Cu.In. (all states) . . .2588 Inlet & Exhaust
 Camshaft Bearing Steel backed babbit

VALVE TRAIN

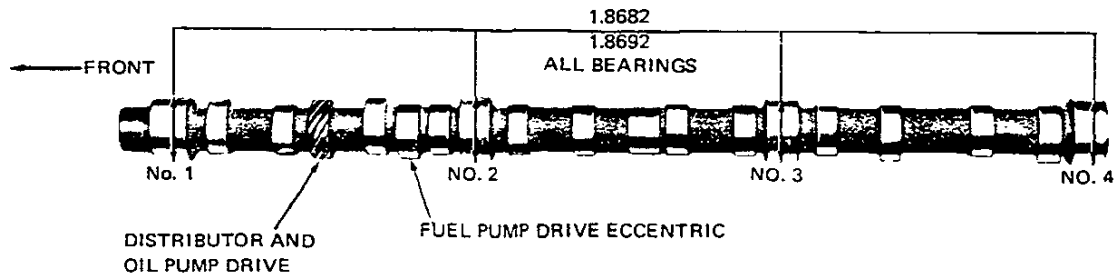
Type Individually mounted, overhead
 rocker arms, push rod actuated
 Rocker Arms Stamped steel
 Ratio
 L6-250 Cu.In. 1.75:1
 V8-350 & 400 Cu.In. 1.50:1
 V8-454 Cu.In. 1.70:1
 Push Rods
 Type Hollow steel
 Ends
 L6, V8-350 & 400 Cu.In. Hardened
 V8-454 Cu.In. Hardened steel inserts
 Rotators (V8-350, 400 & 454) Exhaust

VALVE SPRINGS

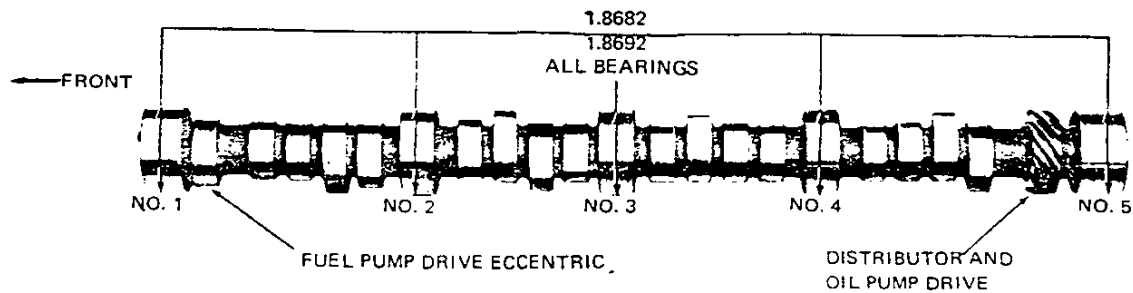
Diameter
 L6-250 Cu.In.872-.888
 V8-350 & 400 Cu.In.868-.884
 V8-454 Cu.In.1.082-1.098
 Installed Length (lb. @ in.)
 Valves closed
 L6-250 Cu.In. 56-64 @ 1.66
 V8-350 & 400 Cu.In.
 Inlet 76-84 @ 1.70
 Exhaust 76-84 @ 1.61
 V8-454 Cu.In. 74-86 @ 1.88
 Valves opened
 L6-250 Cu.In. 180-192 @ 1.27
 V8-350 & 400 Cu.In.
 Inlet 194-206 @ 1.25
 Exhaust 194-206 @ 1.16
 V8-454 Cu.In. 288-312 @ 1.38
 Free Length
 L6-250 Cu.In. 1.90
 V8-350 & 400 Cu.In. 2.03
 V8-454 Cu.In. 2.09
 Valve Spring Damper
 L6-250 Cu.In. None
 V8-350 & 400 Cu.In. Flat steel, 4 coils
 V8-454 Cu.In. Flat steel, 4 coils

CAMSHAFT AND BEARINGS

250 CUBIC INCH L-6 ENGINE



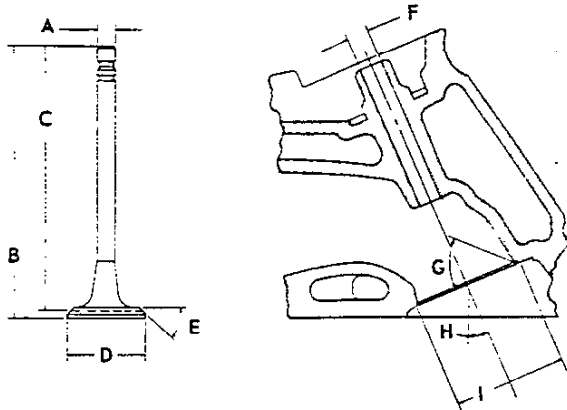
350 CUBIC INCH V-8 ENGINES



PRINCIPAL COMPONENTS

INTAKE VALVES

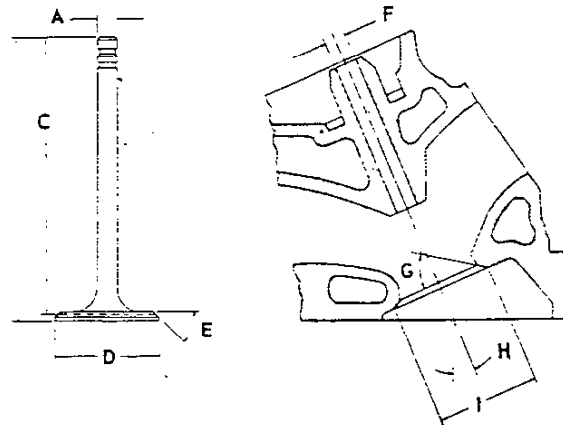
Material	Alloy steel
Coating	
L6-250 Cu.In.	Aluminized face
V8-350 Cu.In.	None
V8-400 Cu.In.	Aluminized face
V8-454 Cu.In.	Face and head aluminized
All Stems	Chrome flash
Valve Guide Inserts (V8-454)	Cast alloy iron



A - Stem Diameter	
L6-250 Cu.In.	.3410-.3417
V8-350 & 400 Cu.In.	.3410-.3417
V8-454 Cu.In.	.3715-.3722
B - Overall Length	
L6-250 Cu.In.	4.902-4.922
V8-350 & 400 Cu.In.	4.870-4.889
V8-454 Cu.In.	5.215-5.235
C - Gage Length	
L6-250 Cu.In.	4.785-4.795
V8-350 & 400 Cu.In.	4.785-4.795
V8-454 Cu.In.	5.115-5.125
D - Overall Head Diameter	
L6-250 Cu.In.	1.715-1.725
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	
L6-250 Cu.In.	.3427-.3437
V8-350 & 400 Cu.In.	.3427-.3437
V8-454 Cu.In.	.3732-.3742
G - Angle of Seat	46°
H - Valve Angle	
L6-250 Cu.In.	9°
V8-350 & 400 Cu.In.	23°
V8-454 Cu.In.	4°
I - Valve Seat (cutter) Diameter	
L6-250 Cu.In.	1.591-1.597
V8-350 & 400 Cu.In.	1.823-1.829
V8-454 Cu.In.	1.962-1.968

EXHAUST VALVES

Material	High alloy steel
Coating	
L6-250 Cu.In.	Aluminized face
V8-350 & 400 Cu.In.	Aluminized face
V8-454 Cu.In.	Face and head aluminized
All Stems	Chrome flash
Valve Guide Inserts (V8-454)	Cast alloy iron



A - Stem Diameter	
L6-250 Cu.In.	.3410-.3417
V8-350 & 400 Cu.In.	.3410-.3417
V8-454 Cu.In.	.3713-.3720
B - Overall Length	
L6-250 Cu.In.	4.913-4.933
V8-350 & 400 Cu.In.	4.913-4.933
V8-454 Cu.In.	5.345-5.365
C - Gage Length	
L6-250 Cu.In.	4.781-4.791
V8-350 & 400 Cu.In.	4.781-4.791
V8-454 Cu.In.	5.235-5.245
D - Overall Head Diameter	
L6-250 Cu.In.	1.495-1.505
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	
L6-250 Cu.In.	.3427-.3437
V8-350 & 400 Cu.In.	.3427-.3437
V8-454 Cu.In.	.3732-.3742
G - Angle of Seat	46°
H - Valve Angle	
L6-250 Cu.In.	9°
V8-350 & 400 Cu.In.	23°
V8-454 Cu.In.	4°
I - Valve Seat (cutter) Diameter	
L6-250 Cu.In.	1.321-1.327
V8-350 & 400 Cu.In.	1.321-1.327
V8-454 Cu.In.	1.583-1.589

PRINCIPAL COMPONENTS

VALVE LIFT

Manual Trans.-all states & auto. trans. in California	
L6-250 Cu.In. . . . .	.3880 Inlet; .4051 Exhaust
Auto. Trans.-all states except California	
L6-250 Cu.In. . . . .	.3880 Inlet & Exhaust
All states except California	
V8-350 & 400 Cu.In. . . . .	.3900 Inlet; .4100 Exhaust
California only	
V8-350 & 400 Cu.In. . . . .	.4006 Inlet; .4100 Exhaust
V8-454 Cu.In. (all states) . . . . .	.4400 Inlet & Exhaust

VALVE TIMING (Crankshaft Degrees - Excluding Ramps)

L6-250 Cu.In.-Man. trans.-all states & auto. trans. in Calif.	
Inlet Valve	
Opens - BTC	16°
Closes - ABC	48°
Duration	244°
Exhaust Valve	
Opens - BBC	64°
Closes - ATC	50°
Duration	294°
L6-250 Cu.In.-Auto. trans.-all states except Calif.	
Inlet Valve	
Opens - BTC	16°
Closes - ABC	48°
Duration	244°
Exhaust Valve	
Opens - BBC	46°30'
Closes - ATC	17°30'
Duration	244°
V8-350 & 400 Cu.In.-All states except California	
Inlet Valve	
Opens - BTC	28°
Closes - ABC	72°
Duration	280°
Exhaust Valve	
Opens - BBC	78°
Closes - ATC	30°
Duration	288°
V8-350 & 400 Cu.In.-California Only	
Inlet Valve	
Opens - BTC	44°
Closes - ABC	96°
Duration	280°
Exhaust Valve	
Opens - BBC	88°
Closes - ATC	66°
Duration	334°
V8-454 Cu.In.-All states	
Inlet Valve	
Opens - BTC	55°
Closes - ABC	111°
Duration	346°
Exhaust Valve	
Opens - BBC	105°
Closes - ATC	63°
Duration	348°

PISTONS

Material	Cast aluminum alloy
Head Type	
L6-250 Cu.In.	Sump
V8-350 Cu.In.	Sump
V8-400 Cu.In.	Sump, notched
V8-454 Cu.In.	Flat, valve cutout
Skirt Type	Slipper
Top Land Clearance	
L6-250 Cu.In. . . . .	.0245-.0335
V8-350 Cu.In. . . . .	.0235-.0325
V8-400 Cu.In. . . . .	.0365-.0455
V8-454 Cu.In. . . . .	.0270-.0330
Skirt Clearance	
L6-250 Cu.In. . . . .	.0005-.0015
V8-350 Cu.In. . . . .	.0007-.0017
V8-400 Cu.In. . . . .	.0014-.0024
V8-454 Cu.In. . . . .	.0018-.0028
Compression Ring Groove Depth	
L6-250 Cu.In. . . . .	.2153-.2218
V8-350 Cu.In. . . . .	.2218-.2308
V8-400 Cu.In. . . . .	.2328-.2393
V8-454 Cu.In. . . . .	.2350-.2410
Oil Ring Groove Depth	
L6-250 Cu.In. . . . .	.2093-.2158
V8-350 Cu.In. . . . .	.2038-.2103
V8-400 Cu.In. . . . .	.2183-.2248
V8-454 Cu.In. . . . .	.2185-.2245
Pin Bore Offset . . . . .	.055-.065
Compression Height	
L6-250 Cu.In.	1.658-1.662
V8-350 & 400 Cu.In.	1.558-1.562
V8-454 Cu.In.	1.641-1.649

PISTON PINS

Material	Chromium steel
Length	
L6-250 Cu.In.	2.990-3.010
V8-350 & 400 Cu.In.	2.990-3.010
V8-454 Cu.In.	2.930-2.950
Diameter	
L6-250 Cu.In. . . . .	.9270-.9273
V8-350 & 400 Cu.In. . . . .	.9270-.9273
V8-454 Cu.In. . . . .	.9895-.9898
Clearance in Piston	
L6-250 Cu.In. . . . .	.00015-.00025
V8-350 & 400 Cu.In. . . . .	.00015-.00025
V8-454 Cu.In. . . . .	.00030-.00040

PRINCIPAL COMPONENTS

COMPRESSION RINGS - UPPER

Material	Cast alloy iron
Type	Straight edge inside of ring
Face	Barrel
Coating	
L6-250 Cu.In.	Wear resistant coating Molybdenum inlay, graphite impregnated
V8-350 Cu.In.	Chrome Plate
V8-400 Cu.In.	Wear resistant coating Molybdenum inlay
V8-454 Cu.In.	Wear resistant coating Molybdenum inlay, graphite impregnated
Width	
L6-250 Cu.In.	.0775-.0780
V8-350 Cu.In.	.0775-.0780
V8-400 Cu.In.	.0770-.0780
V8-454 Cu.In.	.0770-.0775
Wall Thickness	
L6-250 Cu.In.	.184-.194
V8-350 Cu.In.	.190-.200
V8-400 Cu.In.	.196-.206
V8-454 Cu.In.	.202-.212
Gap	.010-.020

COMPRESSION RINGS - LOWER

Material	Cast alloy iron
Type	Inside bevel (top of ring 30 degrees to piston vertical axis for L6-250 & V8-350; 50 degrees for V8-454
Face	Tapered
Coating	
L6-250 Cu.In.	Wear resistant
V8-350 Cu.In.	Wear resistant
V8-400 & 454 Cu.In.	Chrome plate
Width	
L6-250 Cu.In.	.0770-.0780
V8-350 Cu.In.	.0770-.0775
V8-400 Cu.In.	.0770-.0780
V8-454 Cu.In.	.0770-.0775
Wall Thickness	
L6-250 Cu.In.	.184-.194
V8-350 Cu.In.	.190-.200
V8-400 Cu.In.	.196-.206
V8-454 Cu.In.	.202-.212
Gap	
L6-250 Cu.In.	.010-.020
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)	
L6-250 Cu.In.	.1870-.1890
V8-350 Cu.In.	.1850-.1870
V8-400 Cu.In.	.1845-.1865
V8-454 Cu.In.	.1855-.1875
Wall Thickness	
L6-250 Cu.In.	.152-.158
V8-350 Cu.In.	.150-.156
V8-400 Cu.In.	.135-.139
V8-454 Cu.In.	.137-.143
Gap	
L6-250 Cu.In.	.015-.055
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)	
L6-250 Cu.In.	5.695-5.705
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	
L6-250 Cu.In.	Copper lead alloy or sintered copper nickel backed babbit on steel
V8-350, 400 & 454 Cu.In.	Premium aluminum
Type	Precision removable
Clearance	
L6-250 Cu.In.	.0007-.0027
V8-350 & 400 Cu.In.	.0013-.0035
V8-454 Cu.In.	.0009-.0025
Theoretical I.D.	
L6-250 Cu.In.	2.0017
V8-350 & 400 Cu.In.	2.1012
V8-454 Cu.In.	2.2012
Effective Length	
L6-250 Cu.In.	.807
V8-350 & 400 Cu.In.	.797
V8-454 Cu.In.	.847
End Play	
L6-250 Cu.In.	.007-.016
V8-350 Cu.In.	.006-.016
V8-400 Cu.In.	.008-.014
V8-454 Cu.In.	.015-.023

FUEL TANK

Capacity (Gal)	
All models except El Camino . . .	22 (approximately)
El Camino	26 (approximately)
Fuel Tank Location	Behind rear axle
Filler Location	
Station Wagons & El Camino	Left rear quarter panel
Remaining Models	Behind hinged rear license plate

FUEL FILTERS, DUAL

In Fuel Tank	Mesh strainer
In Carburetor Inlet	Paper

FUEL PUMP ASSEMBLY

Type	Mechanical; diaphragm
Drive	Camshaft, eccentric
Location	Right side front of engine
Pressure Range (shut off pressure at 1800 RPM)	
L6-250 Cu.In.	4.00-5.00 PSI at pump outlet
V8-350 Cu.In.	7.50-9.00 PSI at pump outlet
V8-400 Cu.In.	7.50-9.00 PSI at pump outlet
V8-454 Cu.In.	7.50-9.00 PSI at pump outlet

AIR CLEANER

Type	Cylindrical single air horn
Diameter	
L6-250 Cu.In.	12.62
V8-350 Cu.In.	15.48
V8-400 Cu.In.	15.48
V8-454 Cu.In.	15.48
Filter Element	Oil-wetted paper

CARBURETORS

Make and Type	
L6-250 Cu.In.	1-barrel, Monojet
V8-350 Cu.In. (L65)	2-barrel
V8-350 Cu.In. (LM1)	4-barrel
V8-400 Cu.In. (LF6)	2-barrel
V8-400 Cu.In. (LT4)	4-barrel
V8-454 Cu.In.	4-barrel, Quadrajet
SAE Flange Type	1.50
Throttle Bore	
L6-250 Cu.In.	1.69
V8-350 Cu.In. (L65)	1.69
V8-400 Cu.In. (LF6)	1.69
V8-350 (LM1), 400 (LT4) & 454 Cu.In.	
Primary	1.38
Secondary	2.25
Secondary Throttle Actuation	By linkage approximately when primary valves are opened halfway between closed and open.
Venturi Diameter	
L6-250 Cu.In.	1.31
V8-350 Cu.In. (L65)	1.09
V8-400 Cu.In. (LF6)	1.09
V8-350 (LM1), 400 (LT4) & 454 Cu.In.	
Primary	1.04
Secondary	Air valve

CHOKE

Type	Automatic
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EXHAUST SYSTEMS

TYPE

L6-250 Cu.In.	Single
V8-350 & 400 Cu.In.	Single with crossover pipes
V8-454 Cu.In. (Sedans & Cps.)	Dual with resonators
V8-454 Cu.In. (St. Wags & Pickup)	Dual, no resonators

MUFFLERS

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

Head

L6-250 Cu.In.	.054 sheet steel, aluminized
V8-350 Cu.In.	.054 sheet steel, aluminized
V8-400 Cu.In.	.059 sheet steel, aluminized
V8-454 Cu.In.	.060 sheet steel, aluminized
Shell	.036 sheet steel, zinc coated
Wrap	.030 indented asbestos sheet
Cover	.018 sheet steel aluminized

Baffles

L6-250 Cu.In.	
No. 1 & 4	.048 sheet steel, zinc coated
No. 2 & 3	.036 sheet steel, zinc coated
V8-350 Cu.In.	
No. 1 & 4	.048 sheet steel, zinc coated
No. 2 & 3	.036 sheet steel, zinc coated
V8-400 Cu.In.	
No. 1 & 3	.048 sheet steel, zinc coated
No. 2 & 4	.036 sheet steel, zinc coated
V8-454 Cu.In.	
No. 1 & 4	.048 sheet steel, zinc coated
No. 2 & 3	.036 sheet steel, zinc coated

Length, Body 21.25

Width

L6-250, V8-350 & 400 Cu.In.	10.50
V8-454 Cu.In.	11.00

Height

L6-250, V8-350 & 400 Cu.In.	4.06
V8-454 Cu.In.	4.50

EXHAUST CROSSOVER PIPE

Dimensions (O.D.) &	
Wall Thickness	2.00 x .090 laminated

EXHAUST PIPE

Dimensions (O.D.) & Wall Thickness	
L6-250 Cu.In.	2.00 x .064
V8-350 Cu.In.	2.25 x .086 laminated
V8-400 Cu.In.	2.00 x .086 laminated
V8-454 Cu.In.	2.25 x .082 laminated

RESONATORS (V8-454 Cu.In. only)

Type	Bottle type
Inner tube	.036 sheet steel, aluminized
Outer tube	.060 sheet steel, aluminized

TAIL PIPES

Dimensions (O.D.) & Wall Thickness	
L6-250 Cu.In.	2.00 x .062
V8-350 Cu.In.	2.00 x .062
V8-400 Cu.In.	2.00 x .062
V8-454 Cu.In.	2.00 x .062

EMISSION CONTROL EQUIPMENT

SYSTEM APPLICATION

System Type	Engine Adaptation					
	L6-250		V8-350		V8-400	
	L22	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 engines - all states				
ECS - Fuel Evaporation Control System	All engines - all states					
CCS - Controlled Combustion System	**					
TCS - Transmission Controlled Spark	***					

* - Used with manual transmissions - all states and also with automatic transmissions in California

** - Used with automatic transmissions - all states except California

*** - Used with manual transmission - all states

BASIC FUNCTION OF SYSTEMS

POSITIVE CRANKCASE VENTILATION

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

EXHAUST GAS RECIRCULATION SYSTEM

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

CARBURETOR HEATED AIR

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

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

TRANSMISSION CONTROLLED SPARK

Regulates vacuum to distributor vacuum advance to reduce hydrocarbon and oxides of nitrogen emissions in low and intermediate speed ranges.

CONTROLLED COMBUSTION SYSTEM

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

LUBRICATION SYSTEM

GENERAL

Type	Controlled full pressure
Main Bearings	Pressure
Connecting Rods	Pressure
Piston Pins	Splash
Cylinder Walls	
L6	Main and conn. rod bearing throw off
V8	Pressure, jet cross sprayed
Camshaft Bearings	Pressure
Valve Lifters	Pressure
Rocker Arms	Pressure
Timing Gears	
L6	Nozzle sprayed
V8	Centrifugally oiled from camshaft bearing

Oil Pressure Sending Unit

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

Oil Filler

Cap	Positive seal
Location	
L6-250 Cu.In.	Forward end of rocker cover
V8-350 & 400 Cu.In.	Rearward of left rocker cover
V8-454 Cu.In.	Top center of right rocker cover

OIL PAN CAPACITIES (Quarts)

Refill	
L6 Engine	4
V8 Engines	4
Refill With Filter Change	
L6 Engine	4.5
V8 Engines	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	
L6-250 Cu.In.	36-41 PSI @ 2000 RPM
V8-350 & 400 Cu.In.	32-40 PSI @ 2000 RPM
V8-454 Cu.In.	42-46 PSI @ 2000 RPM
Intake Type	Fixed pickup with screen
Capacity (GPM @ Engine RPM)	
L6-250 Cu.In.	4.3 @ 2000
V8-350 & 400 Cu.In.	4.3 @ 2000
V8-454 Cu.In.	6.0 @ 2000

OIL FILTER

Type	Full flow, throw away canister
Location	
L6 Engine	Right side front of engine
V8 Engines	Left rear side of engine
Capacity	
L6 Engine	One pint
V8 Engines	One pint
Bypass Valve	Opens between 9 to 11 PSI drop in pressure

OIL DIPSTICK-LOCATION

L6-250 Cu.In.	Right side, rear of engine block
V8-350 & 400 Cu.In.	Left side, rear of engine block
V8-454 Cu.In.	Right side, center direct to oil pan

OIL PAN DRAIN PLUG

Type	Hex head
Location	
L6 Engine	Front lower face of oil pan sump
V8 Engines	Left lower face of oil pan sump
Size of Hex Head	.860-.875
Thread	1/2-20 UNF 2A
Length	0.81
Diameter	.410-.430

COOLING SYSTEM

GENERAL

Type	Liquid, pressurized
Capacity with Heater	
L6-250 Cu.In.	14 qts.
V8-350 & 400 Cu.In.	18 qts.
V8-454 Cu.In.	24 qts.

RADIATOR

Make and Type	Harrison, tube and center
Core constant and thickness	
Distance between fins	
L6-250 Cu.In.	.16 Syn., .18 Auto.
V8-350 Cu.In. (L65)	.18 Syn. & Auto.
V8-350 Cu.In. (LM1)	.16 Syn., .18 Auto.
V8-400 Cu.In.	.16 Syn. & Auto.
V8-454 Cu.In.	.20 Syn., .22 Auto.
Distance between tubes	.55
Thickness of core	
L6-250 Cu.In.	1.26 Syn., 1.24 Auto.
V8-350 Cu.In. (L65)	1.24
V8-350 Cu.In. (LM1)	1.26 Syn., 1.24 Auto.
V8-400 Cu.In.	1.24
V8-454 Cu.In.	1.98
Frontal area (sq.in.)	
L6-250 Cu.In.	353
V8-350, 400 & 454 Cu.In.	480
Overflow	Separate coolant bottle

RADIATOR HEAVY DUTY (RPO V01)

Core constant and thickness	
Distance between fins	
L6-250 Cu.In.	16 Syn. & Auto.
V8-350 Cu.In.	.16 Syn. & Auto.
V8-400 Cu.In.	.16 Syn. & Auto.
V8-454 Cu.In.	.16 Syn. & Auto.
Distance between tubes	.55
Thickness of core	
L6-250 Cu.In.	1.24
V8-350 Cu.In. (L65)	1.24
V8-350 Cu.In. (LM1)	1.96
V8-400 & 454 Cu.In.	1.96
Frontal area (sq. in.)	
L6-250 Cu.In.	353
V8-350 & 400 Cu.In.	480
Overflow	Separate coolant bottle.

RADIATOR CAP RELIEF VALVE

Opens at	Approximately 15 PSI
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THERMOSTAT

Type	Pellet
Begins to open at	192°-198°
Fully opened at	227°
Thermostat By-Pass Hose	
V8-454 Cu.In.	.745 ID

RADIATOR HOSE

Outlet, lower (radiator to water pump)	1.75 ID
Inlet, upper (thermostat hsg. to radiator)	1.50 ID

FAN

Number of Blades	
All engines except V8-454 Cu.In.	4
V8-454 Cu.In.	7
Diameter	
L6-250 Cu.In.	17.62
V8-350 & 400 Cu.In.	19.00
V8-454 Cu.In.	19.50
Fan pulley pitch diameter	7.00

BELTS, CRANKSHAFT, FAN AND GENERATOR

Number used	One
Angle of "V"	38°-42°
Pitch line	
L6-250 Cu.In.	38.00
V8-350 & 400 Cu.In.	47.50
V8-454 Cu.In.	50.00
Width	.380

WATER PUMP

Type	Centrifugal
Capacity	
L6-250 Cu.In.	24.4 GPM @ 2000 engine RPM
V8-350 Cu.In.	21.6 GPM @ 2000 engine RPM
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)	
L6-250 Cu.In.	1.65:1
V8-350 & 400 Cu.In.	.949:1
V8-454 Cu.In.	1.25:1

DRAIN LOCATIONS AND TYPE

Engine Block - Plug	
L6-250 Cu.In.	Left side rear
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 @ 00 F	
L6-250 Cu.In.	2300 watts
V8-350 & 400 Cu.In.	2900 watts
V8-454 Cu.In.	4000 watts
Heavy Duty (RPO T60)	4000 watts
Total Number of Plates	
L6-250 Cu.In.	54
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	12-15
Drive	By fan belt
Pulley Pitch Diameter	2.43
Ratio (Gen. to Engine Speed)	2.73:1 (V8-454) 3.12:1

REGULATOR

Type	Micro circuit unit; integral with alternator
Voltage	13.8-14.8 @ 85 degrees F

IGNITION SYSTEM

DISTRIBUTORS Refer to chart below

COIL

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

SPARK PLUGS

Type	
L6-250 Cu.In.	ACR46T
V8-350 & 400 Cu.In.	ACR44T
V8-454 Cu.In.	ACR44T
Thread Size (mm)	14
Gap	.038-.038
Torque	15 lb. ft.

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

STARTING SYSTEM

STARTING MOTOR

Rotation (Drive End View)	Clockwise
Test Conditions	Engine at operating temp.
No Load Test	
Amps	
L6-250 Cu.In.	49-87
V8-350 & 400 Cu.In.	70-99
V8-454 Cu.In.	70-99
Volts	10.6
RPM	
L6-250 Cu.In.	6200-10700
V8-350 & 400 Cu.In.	7800-12000
V8-454 Cu.In.	7800-12000
Motor Drive	
Engagement	Solenoid
Pinion Tooth No.	9
Flywheel Tooth No.	153; 168 (V8-454)

DISTRIBUTORS	Transmission	250 Cu.In.	350 Cu.In.	350 Cu.In.	400 Cu.In.	400 Cu.In.	454 Cu.In.
		L22	L65	LM1	LF6	LT4	LS4
Model	Manual	1110499	1112844	1112543			1112113
	Automatic	1110499	1112844	1112093	1112846	1112545	1112113
Type		Single breaker					
Cam angle		31°-34°			29°-31°		
Breaker gap		.019 (new)					
Breaker arm tension		19-23 oz.					28-32 oz.
Centrifugal advance begins @ RPM	Manual	950-1280	675-1300	800-1200			900-1300
	Automatic	950-1280	675-1300	900-1300	700-1300	700-1300	900-1300
Maximum degrees @ RPM	Manual	22-26 @ 4100	18-22 @ 4200	20-24 @ 4200			16-20 @ 4200
	Automatic	22-26 @ 4100	18-22 @ 4200	16-20 @ 4200	18-22 @ 4200	16-20 @ 3900	16-20 @ 4200
Vacuum advance begins @ In. Hg.	Manual	6.0-8.0	2.0-4.0	5.0-7.0			5.0-7.0
	Automatic	6.0-8.0	2.0-4.0	5.0-7.0	5.0-5.0	7.0-9.0	5.0-7.0
Max. deg. @ In. Hg.	Manual	21.5-26.5 @ 15	12.5-15.5 @ 7.5	13.5-16.5 @ 13.5			18.5-21.5 @ 15
	Automatic	21.5-26.5 @ 15	12.5-15.5 @ 7.5	13.5-16.5 @ 13.5	13.5-16.5 @ 10	13.5-19 @ 15.5	18.5-21.5 @ 15
Timing (initial design setting) Crankshaft degrees @ RPM with vacuum line disconnected	Manual	8° BTC @ 950	4° BTC @ 900	4° BTC @ 900			10° BTC @ 800
	Automatic	8° BTC @ 600	0° BTC @ 900	8° BTC @ 600	8° BTC @ 600	8° BTC @ 600	10° BTC @ 800
Timing mark location		Torsional damper					

CLUTCHES AND TRANSMISSIONS

CLUTCHES

Engine	Type - Cubic Inch Availability	L6-250	V8-350		V8-454	
Type		Standard	RPO L65	RPO LM1	RPO LS4	
Clutch	Eff. plate load, lbs.	1650-1900	Single dry disc, centrifugal		2450-2750	
Cover & pressure plate	Press. plate mat.	Cast iron	Nodular Iron			
	Clutch spring type	Diaphragm	Diaphragm, bent finger design			
	Clutch spring matl.	Heat treated spring steel				
	Type	Single disc with two friction surfaces				
Driven plate	Cushions	Flat spring steel between friction rings				
	Dampers	(a)	(b)	10 coil springs (c)		
	Friction rings	OD	9.12	10.34	11.00	
		ID	6.12	6.50	6.50	
		Total area sq. in.	71.82	101.54	123.70	
		Material	Woven type asbestos			
Flywheel & Ring Gear	Flywheel Material	Cast iron				
	Ring gear Material	Heat treated HR steel				
	No. of teeth	153	168			
		PD	12.75	14.00		
		Attachment	Shrink fit			
Bearings	Release	Type	Single row ball			
		Lubrication	None, prepacked			
	Pilot	Type	Bronze bushing			
		Lubrication	Sintered oil impregnated			
Controls	Clutch for,	Drop forged steel, pivot mounted on ball				
	Pedal mounting	Pendant, from brace on dash				
	Lubrication	Crossover shaft				
Clutch housing material		Aluminum alloy				

- (a) 6 outer coil springs and 3 inner coil springs equally spaced
 (b) 12 coil springs (6 sets of two)
 (c) 5 sets of two coils

3-SPEED AND 4-SPEED TRANSMISSIONS

Transmission Type	3-Speed		4-Speed	
Engine	L6-250	V8-350	V8-454	
Application	Base	RPO L65 & LM1	RPO LS4	
Case Material	Cast iron		Aluminum	
Gear Shift	Type	Remote		
	Control	Lever		
	Location	Steering column	Floor	
Gears	Type	Helical		
	Material	Forged steel hardened		
	Synchronization	All forward gears		
	Constant mesh gear	All gears	All forward gears	
	Sliding gears	None	Reverse	
	Ratio	First	2.85	2.20
		Second	1.68	1.64
		Third	1.00	1.27
Fourth			1.00	
Reverse		2.95	2.26	
Lubricant	Type	Meeting Military Specifications MIL-L-2105B		
	Capacity (pts)	3		
Extension	Material	Cast iron	Aluminum	
	Oil Seal	Steel encased seal of spring loaded silicone		

TRANSMISSIONS

TURBO HYDRA-MATIC TRANSMISSION

Engine	Displacement	L6-250	V8-350 & 400	V8-454	
General Data	Type	Automatic hydraulic torque converter with compound planetary gear system - three forward speeds and reverse.			
	Selector lever	Location	Steering column (a)		
		Operation	Actuates controls by a hydraulic system from pressurized gear type pump		
		Quadrant pattern	P-R-N-D-L2-L1		
	Parking Lock	Type	Locking pawl		
		Operation	Applied by selector lever through manual linkage		
	Method of cooling	Water			
Flywheel assembly	Steel stamping with welded on ring gear				
Hydraulic System	Oil pressure pump	Supplies hydraulic pressure from an engine driven gear type pump			
	Type	Steel spool valve			
	Valves	Manual	Establishes range 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 (b)	Drive	55	60	70
		L2	80	87	150
L1		80	87	150	
Reverse		84	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 - 1.51:1		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	Three, multiple disk	Four, multiple disk	Three, multiple disk	
	Material	Drive plates	Steel with bonded organic facings		
		Driven plates	Flat steel		
	Forward clutch	4 each drive & driven plates	5 each drive & driven plates	5 each drive & driven plates	
	Direct clutch	3 each drive & driven plates	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	4 each drive & driven plates	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) Floor mounted available when bucket seats are used; quadrant changes to P-R-N-3-2-1.

(b) Conditions: 600 RPM input

1970-76 CHEVROLET PRODUCTION OPTIONS

AB7	Window — Rr. Quarter Louvered	A76	H.D. Seat Cushion & Back	B90	Molding — Side Window Reveal
AB8	Window — Rr. Qtr. Formal Style	A85	Shoulder Harness — Deluxe Frt.	B93	Guards — Door Edge
AC3	Seat Adjuster — 6 Way Power, Bucket	A90	Lock Release — Rr. Compt. Lid, Remote Control Elec.	B94	Emblem — Body "GT"
AD3	Glass — Hinged Roof Window	A99	Glove Box Lock	B95	Applique — Pillar
AD7	Window — Rr. Qtr. Teardrop Less Louvers	BB4	Map Pocket	B96	Molding — Wheel Opening
AE1	Glass — Roof Panel	BB8	Interior Ornam — Door Trim Mldg.	B97	Spoiler
AG1	Seat Adjuster — 6 Way Power, Driver (60-40)	BC1	Interior Ornamentation — Wood Grain	CA1	Roof — Steel Sliding Sun, Electric
AG2	Seat Adjuster — 6 Way Power, Pass. (60-40)	BC5	Interior Ornam — Load Compt. — Carpet	CB4	Vinyl Padded Roof (Integral Pad) — Rear
AG7	Seat Adjuster — 6 Way Power, Driver (50-50)	BF2	Carpet — Floor Covering — Deluxe	CB5	Vinyl Padded Roof (w/1/4" Pad) — Full
AK1	Belts — Deluxe	BG1	Floor Mat — Heavy Duty	CB7	Vinyl Padded Roof (Integral Pad) — Front
AM6	Seat Asm. — Frt. Seat Split (60-40) W/Center Arm Rest	BG9	Covering — Floor — Rubber	CC1	Panels — Removable Roof Hatch
AM7	Folding Rear Seat Asm.	BS1	Quiet Sound Group	CD2	W/S Washer Jar Fluid Level Monitor
AN5	Seat Asm.—Pass. Reclining (40-40)	BS2	Acoustical Package	CD4	Washer & Wiper — Windshield, Pulse System
AN6	Seat Back — Adjustable, Driver	BW2	Molding — Body Side Protection	CF4	Roof — Sliding Sun
AN7	Seat Asm. — Bucket, Shell Type Swivel	BW6	Exterior Decor Package	CF5	Astro Roof — Elec.
AQ4	Seat Asm. — Sta. Wag. 3rd Seat	BW7	Ext. Ornam — Pillar Applique	CG4	Vinyl Padded Roof (w/1/4" Pad) — Rear
AQ9	Seat Asm. — Bucket, Pass. Reclining	BX1	Ext. Ornam — Front End Panel	CG9	Vinyl Padded Roof (Integral Pad) — Full
AR5	Seat Asm. — Bucket, European Style	BX3	Exterior Ornamentation — Wood Grain Side Panel	C18	Black Windshield Wiper and Blade
AR9	Seat Asm. — Bucket, European Style	BX6	Ext. Ornam — Mldg. and Applique	C24	Wipers — Recess Parked
AS4	Rear Seat Deluxe Shoulder Harness	BX7	Door Edge Guards	C41	Heater & Defroster — Outside Air
AT6	Recliner Seat — RH Manual	BX8	Molding — Used W/Two Tone Paint	C46	Heater — HI-Flow
AT8	Seat Asm. — Adjustable, (50-50) Pass. Reclining	BX9	Ornament — Front End Panel	C49	Defogger — Rear Window, Electric
AU1	Key — Single Car	BY1	Ext. Ornam — Body Emblem	C50	Defogger — Rear Window
AU3	Lock — Side Doors, Electric	BY2	Police Body Equipment	C51	Deflector — Station Wagon Air
AU4	Lock — Side Door, Electric Automatic	BY4	Int. Ornam — Inst. Panel Monogram	C54	Heated Rr. Window Defogger
AU5	Lock — Seat Back & Side Door, Electric	B1Q	Lock — Power Tail Gate	C60	Air Conditioner — Manual Cont.
AU6	Lock Release — Tail Gate, Remote Control Electric	B3X	Estate Equipment	C61	Air Conditioner — Auto. Cont.
AU7	Key — Single — For Total Fleet	B02	Special Body — Taxi Cab	C65	Air Conditioner — Semi-Auto. Cont.
AV3	Cargo Tie Downs	B07	Special Body — Police Car.	C80	Switch — Frt. Door Jamb
AV7	Seat Asm. — Front (50-50)	B09	H.D. Police Package	C81	Switch — Rear Door Jamb
A01	Glass — Tinted, All Windows (Tinted Windshield)	B22	Emblem — Door	C87	Lamp — Rear Qtr. Courtesy
A02	Glass — Tinted, Windshield (Tinted Upper)	B26	Handle — Door Pull Interior	C88	Lamp — Rear Compt. Courtesy
A20	Glass — Rear Qtr. Vent. Swing Out	B28	Floor Mats — Carpet Insert	C90	Lamp — Combination Courtesy & Door Wiring
A31	Window — Power Operated, All (Exc. Vent)	B30	Carpet — Floor Covering	C91	Lamp — Front Dome
A39	Seat Belts—Frt., Rr., Ctr. Deluxe Type	B32	Mat — Front Floor Throw	C93	Lamp — Opra — Exterior Lock Pillar or Sail Panel
A41	Frt. Seat Elec. CH—4-Way Bench Seat	B33	Mat — Rear Floor Throw	C95	Lamp — Dome & Reading
A42	Seat Adjuster 6-Way Power, Single Unit	B34	H.D. Frt. Floor Mats	C97	Lamp Courtesy — Door Handle Operated
A44	Seat Adjuster	B35	H.D. Rr. Floor Mats	DF3	Mirror — Remote Control RH, Chrome
A46	Elec. 4-Way Seat Adjuster (L.H. Bucket Seat Only)	B36	Mat — Luggage Compartment	DH5	Mirror — Visor Vanity — Left
A50	Seat Asm. — Front Bucket — Formed	B37	Floor Mats — Front & Rr.	DJ9	Mirror — Rear View RH, Sport Type
A51	Seat Asm. — Bucket (L & R) Contour	B39	Carpet — Load Floor and Deck Lid	DL1	Decals and Stripes
A52	Seat Asm. — Bench	B44	Carpet — Load Floor Seat Back	DX4	Tape — Accent Stripe
A65	Seat Back — Frt. Seat Split	B48	Luggage Compt. Trim	DX9	Tape — Accent Stripe
A66	Seat Back — 2nd Seat Split	B51	Moulding — Rocker Panel Wide	D24	Litter Container
A75	Seat Asm. — Heavy Duty — Front	B65	Trunk Asm. — Floor Cover	D31	Mirror — Inside Tilt Rearview (Non Glare)
		B71	Exterior Ornam — Custom Whl. Opening Mldgs.	D33	Mirror — Remote Control LH, Chrome
		B75	Lining — Luggage Compt.	D34	Mirror — Visor Vanity
		B77	Molding — Windshield Reveal	D35	Mirror — Remote Control LH, Custom
		B79	Exterior Ornamentation — Rr. End		
		B80	Molding — Roof Drip		
		B83	Molding — Rocker Panel		
		B84	Molding — Body Side		
		B85	Molding — Belt Reveal		
		B86	Molding — Custom Rear Qtr. Lower		
		B89	Molding — Back Window Reveal		

1970-76 CHEVROLET PRODUCTION OPTIONS

- | | | |
|--|---|--|
| <p>T33 ___ Nameplate — Front Fender
 T41 ___ Hood — Special Sheet Metal
 T44 ___ Lock — Hood Interior Operated
 T52 ___ Ornamentation — Front
 T53 ___ Molding — Front Fender
 T58 ___ Skirt — Rear Wheel Opening
 T60 ___ Battery Case — H.D. Plastic
 T63 ___ Headlamp — On Warning System (Buzzer)
 T70 ___ Lamp Group
 T81 ___ Headlamp Delay Package
 T82 ___ On-Off Control — Headlamp Automatic
 T87 ___ Lamps — Cornering
 T93 ___ Lamp — Tail & Stop Reflex Asm.</p> <p>UA1 ___ Battery — Heavy Duty
 UB7 ___ Cluster Asm. — Warning and Trip Odometer
 UE8 ___ Clock — Electric (Digital)
 UF3 ___ Lamp — Map (W/Sun Visor Support)
 UF7 ___ Cluster — Oil Temp., Volt Meter, Fuel Economy
 UF8 ___ Switch — Dimmer Headlamp
 UH1 ___ Lamp Monitor — Electric
 UM1 ___ AM Radio & 8 Track Tape Player
 UM2 ___ AM-FM Stereo Radio & 8 Track Tape Player
 UN9 ___ Radio Suppression Equip.
 UO5 ___ Dual Horns
 UR1 ___ Fuel Economy Vacuum Gauge
 UX6 ___ Front Dual Speakers
 UX9 ___ Speaker — Front
 UY8 ___ Radio — AM/FM — Digital Clock
 UO5 ___ Dual Horns
 UO9 ___ Horn — Four Note
 U11 ___ Police Car Speedo
 U14 ___ Rally Gauge — Tach & Clock
 U15 ___ Speed Alert — Trip Odometer
 U18 ___ Kilo Speedo
 U21 ___ Instrument Panel Gauges
 U25 ___ Lamp — Luggage Compt.
 U26 ___ Lamp — Engine Compt.
 U27 ___ Lamp — Inst. Panel Compt.
 U28 ___ Lamp — Ash Tray
 U29 ___ Lamp — inst. Panel Courtesy
 U30 ___ Instrument Gauges
 U35 ___ Electric Clock
 U37 ___ Lighter — Cigar
 U38 ___ Warning System — Low Coolant
 U41 ___ Indicator — Low Fuel
 U46 ___ Monitor — External Lamp
 U57 ___ Player — Tape
 U58 ___ Radio — Stereo (W/Antenna)
 U63 ___ Radio — Pushbutton Control (W/Antenna)
 U69 ___ Radio — AM-FM (W/Antenna)
 U75 ___ Antenna — Power
 U76 ___ Antenna — Windshield Embedded
 U80 ___ Speaker — Rear Auxiliary
 U81 ___ Speaker — Rear, Dual
 U89 ___ Wiring Harness — Car Trailer (5 Wire)
 U90 ___ Wiring Harness — Roof Flasher
 U94 ___ Light Cable — Trailer (7 Wire)</p> | <p>VE5 ___ Strip — Front & Rr. Bumper Impact
 VF6 ___ Bumper — Rear Step
 VG4 ___ Protector — Bumper Filler
 VG8 ___ Bumper — Rear With Vinyl Insert
 VJ9 ___ Exhaust Emission Level (Calif. Cars)
 VK1 ___ License Plate — Frt. Mounting Pkg.
 VK3 ___ Mounting — Frt. Lic. Plate
 VO1 ___ Radiator — Heavy Duty (Var. 1)
 VO2 ___ Radiator — Heavy Duty (Var. 2)
 V30 ___ Guards — Frt. & Rr. Bumper
 V31 ___ Guards — Front Bumper (Chrome)
 V32 ___ Guards — Rear Bumper — (Chrome)
 V55 ___ Carrier — Roof Luggage
 V56 ___ Lock & Trim — Luggage Compartment
 V65 ___ Bumper — Light Duty
 V81 ___ Trailer Provisions —SAE Class 1 (2000 lbs.)
 V82 ___ Trailer Provisions — SAE Class 2 (3500 lbs.)</p> <p>WA3 ___ Power Seat — 6 Way (Pass. & Driver)
 WA5 ___ Dual Speakers (Frt. & Rear)
 WB2 ___ AM Stereo Radio Tape
 WB3 ___ AM-FM Stereo Radio Tape
 BW4 ___ AM-FM Stereo Radio
 WB6 ___ Gauges — Instrument Cluster W/Clock
 WB7 ___ Vinyl Roof — Rear Vinyl (Pad Attached)
 WC2 ___ Moulding Package
 WC4 ___ Convenience Group
 WC9 ___ Exhaust Emission Group (Calif.)
 WD3 ___ Appearance Group
 WD4 ___ Accessory Package
 WF5 ___ Custom Trim Group
 WH3 ___ Appearance Group
 WH4 ___ Tachometer & Clock
 WH5 ___ Handling Package
 WJ7 ___ Leather — Custom
 W02 ___ Wood Grain Group
 WT1 ___ Suspension — Bias Tire
 WU2 ___ G.T. Option
 WU7 ___ Third Seat — Wagon
 WW8 ___ Instrument Panel Tach., Rally Clock, Gauges
 WY5 ___ Suspension — Radial Tuned
 W20 ___ Convenience Group
 W50 ___ Appearance Group
 W60 ___ Appearance — Special Esprit
 W61 ___ Decor — Simulated Wood
 W62 ___ Luxury Appointment Group
 W63 ___ Rally Clock & Gauges
 W66 ___ 400 Sport Option
 W71 ___ Seat — Custom Front & Rear</p> <p>YC6 ___ Estate Wood Grain — Vega
 YD1 ___ Towing Package
 YE4 ___ Exterior & Interior Deluxe
 YF3 ___ "Heavy Chevy" Exterior Decor
 YF4 ___ Guard & Strip — Bumper
 YF8 ___ Black Paint Stripe
 YJ8 ___ Cast Aluminum Wheels</p> | <p>YJ9 ___ Exterior Decor Package
 YO2 ___ Seat — Front Custom
 YO3 ___ Seat — Rear Custom
 YO5 ___ Deadener — Floor
 YO7 ___ Molding — Side Window Reveal
 Y10 ___ Custom Doors and Qtr.
 Y11 ___ Seat — Front — Special Design
 Y12 ___ Seat — Rear — Special Design
 Y19 ___ Molding — Body Side Lower
 Y40 ___ Heavy Duty Cooling
 Y51 ___ Molding Group
 Y53 ___ Frt. & Rr. Bumper Guards
 Y56 ___ Accessory Group
 Y60 ___ Convenience Group
 Y62 ___ Instrument Cluster — Special Features
 Y66 ___ SX Package
 Y67 ___ Low Washer Fluid Level Indicator
 Y70 ___ Stripe — Decal
 Y71 ___ Outside Temp. Indicator
 Y72 ___ H.D. Engine Cooling
 Y74 ___ Moldings — Rocker and Wheel Opng.
 Y79 ___ Appearance Option
 Y82 ___ Golden Anniversary
 Y83 ___ LJ Option
 Y90 ___ Custom Trim
 Y92 ___ Lamp Group
 Y96 ___ Firm Ride Option
 Y97 ___ SJ Option
 Y99 ___ Handling Package</p> <p>ZE2 ___ Olympic Edition Program Content
 Z11 ___ Custom Interior
 Z12 ___ Custom Exterior
 Z13 ___ Interior Decor and Convenience Group
 Z14 ___ Seat Belt, Check Doors, Low Fuel Warning Lites
 Z15 ___ Exterior Decor
 ZK7 ___ Noise Level Control
 ZL2 ___ Special Ducted Hood Air System
 ZL9 ___ Luxury Interior
 ZN5 ___ Color Coded Rally Wheels
 ZX5 ___ Appearance Group
 Z01 ___ "Spyder" Model
 Z02 ___ Spyder Appearance Equipment
 Z03 ___ Landau Equipment
 Z06 ___ Luxury Interior Trim
 ZP5 ___ Appearance Guard Group
 ZQ2 ___ Operating Convenience Group
 ZQ9 ___ Rr. Axle Performance Ratio
 ZR8 ___ Sport Stripes — White
 Z10 ___ Impala "LX" Package
 Z15 ___ S.S. Model
 Z20 ___ Paint — Two-Tone Accent Pkg.
 Z20 ___ Two Tone Accent Package
 Z21 ___ Style Trim
 Z25 ___ "SS" 396 Package
 Z26 ___ S.S.
 Z29 ___ G.T. Option
 Z54 ___ Interior Decor/Quiet Sound Group
 Z60 ___ Monza Towne Coupe
 Z76 ___ Monte Carlo "S" Package
 Z85 ___ Rally Sport Equipment
 Z95 ___ Catalytic Converter Deletion
 Z95 ___ Leaded Fuel Option</p> |
|--|---|--|

1974 MVMA Specifications Form Passenger Car

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

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

Car Models

Model Description	Make, Car line, Series, Body Type (Mfr's Model Code)	Max. Number of Passengers (Front/Rear)	
		Model Number	Front	Rear
<u>MALIBU</u>			
2-Door Colonnade Hardtop Coupe	1AC37	3	3
4-Door Colonnade Hardtop Sedan	1AC29	3	3
<u>MALIBU CLASSIC</u>			
2-Door Colonnade Hardtop Coupe	1AD37	3	3
4-Door Colonnade Hardtop Sedan	1AD29	3	3
<u>LAGUNA TYPE S-3</u>			
2-Door Colonnade Hardtop Coupe	1AE37	2	3
<u>STATION WAGONS</u>			
Malibu 4-Door, 2-Seat	1AC35	3	3
Malibu Classic 4-Door, 2-Seat	1AD35	3	3
Malibu Classic Estate, 4-Door, 2-Seat	1AG35	3	3
<u>EL CAMINO</u>			
Standard 2-Door Sedan Pickup	1AC80	3	-
Classic 2-Door Sedan Pickup	1AD80	3	-
NOTE: <u>ANY SPECIFICATIONS ON THE FOLLOWING PAGES THAT ARE SPECIFIC TO CALIFORNIA REQUIREMENTS ARE INDICATED ACCORDINGLY.</u>			

MVMA Specifications Form Passenger Car

Car Line CHEVELLE
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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.

Body Type

SAE Ref. No.	4-Door Sedan	2-Door Coupe	Station Wagon	Sedan Pickup
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Width

Tread - Front	W101	61.5			
Tread - Rear	W102	60.7			
Maximum overall car width	W103	76.6			
Body width at No. 2 pillar	W117	75.5	--	75.5	--
Max. front doors open	W120	139.7	170.7	139.7	170.7
Max. rear doors open	W121	134.7	--	134.7	--

Length

Body "O" to front of dash	L 30	-0.5			
Wheelbase	L101	116.0	112.0	116.0	
Overall car length (a)	L103	209.2	205.2	215.2	
Overhang - front (b)	L104	40.1			
Overhang - rear (c)	L105	53.2		59.1	
Body upper structure length	L123	101.3	102.0	132.8	58.6
Body "O" line to C/L of rear wheel	L127	97.5	93.5	97.5	
Body "O" line to w/s cow! point	L130	10.5			

Height

Passenger Distribution (front & rear)		2-3	2-3	2-Front	
Trunk, Cargo load (lbs.)	*	200	300	800	
Overall height	H101	53.8	53.1	55.7	53.9
Cowl height	H102	38.8		39.7	39.5
Deck height	H108	36.5	36.4	--	--
Rocker panel - front	H112	8.8		9.7	9.5
Bottom of front door to ground	H103	9.8	9.7	10.5	9.7
Rocker panel - rear	H111	8.2		9.4	8.9
Bottom of rear door to ground	H135	9.1	--	10.4	--
Windshield slope angle	H122	56.5			

Ground Clearance

Bumper to ground - front	H102	11.6	12.1	12.6	12.6
Bumper to ground - rear	H104	12.0	11.9	11.3	10.6
Angle of approach	H106	11°13'	11°19'	11°44'	11°44'
Angle of departure	H107	15°49'	15°41'	13°19'	12°53'
Ramp breakover angle	H147	13°53'	14°20'	15° 4'	14°22'
Rear axle differential to ground	H153	6.1	6.0	7.4	6.8
Min. running clearance (Specify)	H156	5.1(d)		4.8(d)	5.6(e)

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

(d) Front Suspension to Ground

(e) Exhaust system to ground

		BASE MODELS With 1/Strips			LAGUNA TYPE 'S3' With 1/Strips & Guards
		4-DOOR	2-DOOR WAGONS & PICKUP	2-DOOR	
(a)	L103	210.3	206.3	215.9	206.9
(b)	L104	40.6	40.6	40.6	40.1
(c)	L105	53.7	53.7	59.3	54.8

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

Body Type

SAE Ref. No.	4-Door Sedan	2-Door Coupe	Station Wagon	Sedan Pickup
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Front Compartment

H Point to body "O" line	L31		42.3	
Effective head room	H61	38.3	37.7	38.8
Max. eff. leg room - accelerator	L34		42.1	
H Point to Heel point	H30		8.7	
H Point travel	L17		5.2	
Shoulder room	W3		59.6	
Hip room	W5		56.0	
Upper body opening to ground	H50	49.9	49.2	50.6

Rear Compartment

H Point couple distance	L50	34.6	31.0	33.1	--
Effective head room	H63	37.5	37.0	39.4	--
Min. effective leg room	L51	36.9	32.9	36.8	--
H Point to Heel point	H31	11.0	10.1	11.3	--
Min. knee room	L48	1.4	-1.3	0.0	--
Rear Compartment room	L3	26.7	24.2	27.3	--
Shoulder room	W4	58.9	57.5	58.9	--
Hip room	W6	57.9	52.9	57.0	--
Upper body opening to ground	H51	48.9	--	50.3	--

Luggage Compartment

Usable luggage capacity (cu. ft.)(+)	V1	15.3	--	26.2
Liftover height	H195	22.0	--	--
Position of spare tire storage		Centered in forward trunk area	(a)	(b)
Method of holding lid open		Boxed hinges with torsion rod	(c)	--

Station Wagon — Third Seat

Shoulder Room	W85	--	42.8	--
Hip room	W86	--	36.5	--
Effective leg room	L86	--	27.8	--
Effective head room	H86	--	37.8	--
Seat facing direction		--	Rearward	--

Station Wagon — Cargo Space

Cargo length at floor - front seat	L202	--	90.2	80.8
Cargo length at belt - front seat	L204	--	82.9	71.4
Cargo width - Wheelhouse	W201	--	44.5	45.3
Opening width at belt	W204	--	62.8	--
Maximum cargo height	H201	--	30.1	--
Rear opening height	H202	--	27.4	--
Cargo volume index (cu. ft.) W4 x L204 x H201 1728	V2	--	85.0*	38.0

(a) - Right rear quarter.

(b) - Behind passenger's seat

(c) - Station wagons, compression spring type telescoping mechanism.

* - Concealed storage compartment 9.8 cu. ft. 2-seat, 5.8 cu. ft. 3-seat.

+ - Corporation 'H' (Shoe Box) method of measurement is used.

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Power Teams (Indicate whether standard or optional)

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

SERIES AVAILABILITY	ENGINE					TRANSMISSION	AXLE RATIO #	
	Displ. cu. in.	Carb.	Compr. Ratio	SAE Net @ RPM			'A'	'B'
				BHP	Torque			
COUPE - SEDANS - PICKUPS								
1AC/AD 29&37 (Standard) (all states)	Turbo-Thrift 250L6 (L22)	One; 1-bbl	8.25:1	100	175	3-Spd. manual (2.85:1 low)	3.08	--
				@ 3600	@ 1800			
1AC/AD 29&37 (Optional) 1AC/AD 80, 1AE37 (Standard) (not available in California)	Turbo-Fire 350V8 (L65)	One; 2-bbl	8.5:1	145	250	3-Spd. manual (2.54:1 low)	3.08	--
				@ 3800	@ 2200			
1AC/AD 29&37 1AD/AD80, 1AE37 (Optional) (California only)	Turbo-Fire 350 V8 (L65)	One; 4-bbl	8.5:1	160	250	3-Spd. manual (2.54:1 low)	3.08	--
				@ 3800	@ 2400			
All models (Optional) (not available in California)	Turbo-Fire 400 V8 (LF6)	One; 2-bbl	8.5:1	150	295	3-Spd. automatic	2.73	3.42
				@ 3200	@ 2000			
All models (Optional) (California only)	Turbo-Fire 400 V8 (LT4)	One; 4-bbl	8.5:1	180	290	3-Spd. automatic	2.73	3.42
				@ 3800	@ 2400			
1AC/AD/AE37 1AC/AD80 (Optional) (all states)	Turbo-Jet 454 V8	One; 4-bbl	8.25:1	235	360	4-Spd. manual (2.20:1 low)	3.42	--
				@ 4000	@ 2800			
All models (Optional) (all states)						3-Spd. automatic*	2.73	3.42
*-Optional **-Positraction available optionally for all ratios #-Same ratios available for A/C (V-8 engines only) A-Standard B-Trailer option								

MVMA Specifications Form

Passenger Car

Car Line CHEVELLE
 Model Year 1974 Issued 9-73 Revised (•) 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"
				BHP	Torque			
STATION WAGONS								
All models (Standard) (not available in California)	Turbo- Fire 350 V8 (L65)	One; 2-bbl	8.5:1	145	250	3-Spd. manual(a) (2.54:1 low)	3.42	--
				@ 3600	@ 2200			
All models (Optional) (California only)	Turbo- Fire 350 V8 (LM1)	One; 4-bbl	8.5:1	160	250	3-Spd. manual(a) (2.54:1 low)	3.42	--
				@ 3800	@ 2400			
All models (Optional) (not available in California)	Turbo- Fire 400 V8 (LF6)	One; 2-bbl	8.5:1	150	295	3-Spd. automatic	3.08	3.42
				@ 3200	@ 2000			
All models (Optional) (California only)	Turbo- Fire 400 V8 (LT4)	One; 4-bbl	8.5:1	180	290	3-Spd. automatic	3.08	3.42
				@ 3800	@ 2400			
All models (Optional) (all states)	Turbo- Jet 454 V8 (LS4)	One; 4-bbl	8.25:1	235	360	3-Spd. automatic	2.73	3.42
				@ 4000	@ 2800			
(a) Malibu Series Wagon Only *-Optional **-Positraction available optionally for all ratios #-Same ratios available for A/C (V-8 engines only) A-Standard B-Trailer option								

MVMA Specifications Form Passenger Car

Car Line CHEVELLE
 Model Year 1974 Issued 9-73 Revised (•) _____

Engine Displacement

L6-250 C.I. L22	V8-350 C.I. (L65) (LM1)	V8-400 C.I. LF6 LT4	V8-454 C.I. LS4
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Engine — General

Type, no. cyls., valve arr.	In-line 60 OHV	90° V8 OHV		
Bore and stroke (nominal)	3.875x3.53	4.00x3.48	4.126x3.75	4.251x4.00
Piston displacement, cu. in.	250	350	400	454
Bore spacing (C/L to C/L)	4.40			4.84
No. system (front to rear)	L. Bank	1-2-3-4-5-6	1-3-5-7	
	R. Bank	In-line	2-4-6-8	
Firing Order	1-5-3-6-2-4	1-8-4-3-6-5-7-2		
Cylinder Head Material	Cast alloy iron			
Cylinder Block Material	Cast alloy iron			
Cyl. Sleeve-Wet, dry, none	None			
Number of mtg. points	Front	Two		
	Rear	One		
Engine installation angle	4°46'			
Taxable horsepower	36.0	51.2	54.5	57.8
Recommended fuel: regular — premium	Unleaded or low lead			
Cylinder Head Volume (cc)	72.75	75.47	75.47	115.38
Head Gasket Thickness (Compressed)	.032	.021	.039	.028
Head Gasket Volume (cc)	6.86	4.58	8.81	7.01
Deck Clearance (nominal) (above or below block)	.008 (below)	.025 (below)	.025 (below)	.028 (below)
Minimum Combustion Chamber Volume (cc)	71.71	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	28.80	21.23	21.92	25.94		
Clearance (limits)	Top land	.0245-.0335	.0235-.0325	.0365-.0455	.0270-.0330	
	Skirt	Top	.0005-.0015(a)	.0007-.0017(b)	.0014-.0024(b)	.0018-.0028(c)
		Bottom				
Ring groove diameter	No. 1 ring	3.434-3.444	3.541-3.556	3.649-3.659	3.770-3.780	
	No. 2 ring	3.434-3.444	3.541-3.556	3.649-3.659	3.770-3.780	
	No. 3 ring	3.446-3.456	3.577-3.592	3.678-3.688	3.803-3.813	

- (a) Measured 2.44 from top of piston
- (b) Measured 1.56 from top of piston
- (c) Measured 1.65 from top of piston

MVMA Specifications Form

Passenger Car

Car Line CHEVELLE
 Model Year 1974 Issued 9-73 Revised (•) _____

Engine Displacement

L6-250 C.I. L22	V8-350 C.I. L65 LM1	V8-400 C.I. LF6 LT4	V8-454 C.I. LS4
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Engine - Piston Rings

Function (rod to bottom)	No. 1 oil or comp.	Compression			
	No. 2 oil or comp.	Compression			
	No. 3 oil or comp.	Oil			
Compression	Description - Upper	Cast alloy iron, barrel face			
	material, coating, etc. Lower	Cast alloy iron, inside bevel, tapered face (b)			
	Width	(c)	(d)	.0770-.0780	.0770-.0775
	Gap	.010-.020	(e)	.010-.020	
	Oil	Description - material, coating, etc.	Multi-piece (2 rails and 1 spacer expander) Rails-steel chrome plated OD; Expander-stainless steel		
Oil	Width (assembled)	.1870-.1890	.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	None		
Clearance	In piston	.00015-.00025		.00025-.00035	.00045-.00055
	In rod	--			
Direction & amount offset in piston	Major thrust side .060				

Engine - Connecting Rods

Material	Drop forged steel			
Weight (oz)	14.24	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	Copper lead alloy (sintered stl. bkd.)		Premium aluminum
	Overall length	.807	.797	
	Clearance (limits)	.0007-.0027	.0013-.0025	
	End Play	.007-.016	.006-.016	.008-.014	.015-.023

- (a) - L6-250, V8-400, V8-454 - Wear resistant coating, molybdenum inlay also graphite impregnated on L6-250 & V8-454. Chrome plated on V8-350.
 (b) - L6-250 & V8-350 - Wear resistant coating. V8-400 & 454 chrome plated
 (c) - Upper .0075-.0780; Lower .0770-.0780
 (d) - Upper .0075-.0780, Lower .0770-.0775
 (e) - Upper .010-.020; Lower .013-.025

MVMA Specifications Form Passenger Car

Car Line CHEVELLE
 Model Year 1974 Issued 9-73 Revised (•) _____

Engine Displacement

L6 -250 C.I. L22	V8-350 C.I. L65 LM1	V8-400 C.I. LF6 LT4	V8-454 C.I. LS4
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Engine—Crankshaft

Material:		Cast nodular iron				
Vibration damper type		Rubber mounted inertia				
End thrust taken by bearing (No.)		7		5		
Crankshaft end play		.002-.006		.002-.007		
		.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	2.3004x.752	2.4502x.752	2.6503x.752	2.7499x.992
		No. 2	2.3004x.752	2.4502x.752	2.6503x.752	2.7504x.992
		No. 3	2.3004x.752	2.4502x.752	2.6503x.752	2.7504x.992
		No. 4	2.3004x.752	2.4502x.752	2.6503x.752	2.7504x.992
		No. 5	2.3004x.752	2.4508x1.180	2.6509x1.181	2.7505x1.256
		No. 6	2.3004x.752	None		
No. 7		2.3004x.760	None			
No. & amt. cyl. offset		None				
No. bolts/main brg. cap		14 bolts/7 caps		10 bolts/5 caps		
Crank journal diameter		1.999-2.000		2.099-2.100		
		2.199-2.200				

Engine—Camshaft

Location		(c)	In block above crankshaft		
Material:		Cast alloy iron			
Bearings	Material:	Steel backed babbitt			
	Number	4	5		
	Gear or chain	Gear	Chain		
Type of Drive	Crankshaft gear or sprocket material	Steel	Steel sprocket		
	Camshaft gear or sprocket material	(d)	Nylon teeth with aluminum head		
	Timing chain	No. of links	None	46	50
		Width	None	.625	.750
		Pitch	None	.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

(c) Above end to right of crankshaft

(d) Bakelite and fabric composition with steel hub

MVMA Specifications Form

Passenger Car

Car Line CHEVELLE
 Model Year 1974 Issued 9-73 Revised (•) _____

Engine Displacement

L6-250 C.I.		V8-350 C.I.		V8-400 C.I.		V8-454 C.I.	
"A"	"B"	L65	LM1	LF6	LT4	LS4	

Engine—Valve System

Hydraulic lifters (Std., opt., NA)		Standard						
Valve rotator, type (intake, exhaust)		None			Exhaust			
Rocker ratio		1.75:1		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)	16°	16°	28° (44°)		55°	
		Closes (*ABC)	48°	48°	72° (96°)		111°	
		Duration (deg.)	244°	244°	280° (320°)		346°	
	Exhaust	Opens (*BBC)	64°	46° 30'	78° (88°)		105°	
		Closes (*ATC)	50°	17° 30'	30° (66°)		63°	
		Duration (deg.)	294°	244°	288° (334°)		348°	
	Valve open overlap (deg.)		66°	33° 30'	58° (110°)		118°	
Material		Alloy steel, aluminized face for L6-250 & V8-454						
Overall length		4.902-4.922		4.870-4.889		5.215-5.235		
Actual overall head dia.		1.715-1.725		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)		.3880	.3880	.3900 (.4006)		.4400	
	Outer spring press. & length	Valve closed (lb. @ in.)	56-64 @ 1.66		76-84 @ 1.70		74-86 @ 1.88	
		Valve open (lb. @ in.)	180-192 @ 1.27		194-206 @ 1.25		288-312 @ 1.36	
	Inner spring press. & length	Valve closed (lb. @ in.)	None				Spring damper	
		Valve open (lb. @ in.)	None				Spring damper	
	Material		High alloy steel aluminized face (also head on LS4)					
Overall length		4.913-4.933				5.345-5.365		
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				.3715-.3722		
Stem to guide clearance		.0010-.0027						
Exhaust	Lift (@ zero lash)		.4051	.3880	.4100 (.4100)		.4400	
	Outer spring press. & length	Valve closed (lb. @ in.)	56-64 @ 1.66		76-84 @ 1.61		74-86 @ 1.88	
		Valve open (lb. @ in.)	180-192 @ 1.27		194-266 @ 1.16		288-312 @ 1.38	
	Inner spring press. & length	Valve closed (lb. @ in.)	None				Spring damper	
		Valve open (lb. @ in.)	None				Spring damper	

Note: Bracketed () data pertains to engines used in California
 'A' - Data pertains to engine, with manual transmissions - all states and with automatic transmissions in California
 'B' - Data pertains to engine with automatic transmission - all states except California

MVMA Specifications Form

Passenger Car

Car Line CHEVELLE
 Model Year 1974 Issued 9-73 Revised (●) _____

Engine Displacement			
L6-250 C.I. LZ2	V8-350 C.I. L65	V8-400 C.I. LMI | 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	Nozzle	Centrifugally oiled from crankshaft bearing
	Cylinder walls	Splash	Pressure jet cross sprayed
Oil pump type	Gear		
Normal oil pressure (psi @ engine rpm)	36-41 @ 2000	32-40 @ 2000	42-46 @ 2000
Oil pressure sending unit (elect. or mech.)	Electric		
Type oil intake (floating or stationary)	Stationary		
Oil filter system (full flow, partial flow)	Full Flow		
Filter replacement (element, complete)	Complete		
Capacity of oil sump with filter removed (qt.)	4		
Oil grades 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, SW-30, 10W-30, 10W-40 Below 20° F-SW-20, SW-30		
Oil change service reqmt. (SD, SE, etc.)	SE		

Engine — Exhaust system

Type (single, single with cross-over, dual, other)	Single	Single with crossover	Dual with resonators*
Muffler No. & type (reverse flow, straight thru, separate resonator)	One, reverse flow		2-mufflers 2-resonators*
Exhaust pipe dia. (O.D. & wall thick.)	Branch	2.00x.090 (a)	2.00x.062 (b)
	Main	2.25x.086 (a)	2.25x.082 (a)
Tail pipe dia. (O.D. & wall thickness)	2.00x.062		

* No resonators with station wagons & pickups

- (a) Laminated
- (b) Pipe-muffler to resonator

MVMA Specifications Form Passenger Car

Car Line CHEVELLE
 Model Year 1974 Issued 9-73 Revised (•) _____

Engine Displacement

L6-250 C.I. L22	V8-350 C.I. LM1 L65	V8-400 C.I. LF6 LT4	V8-454 C.I. LS4
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Engine — Fuel System (See supplemental page for Details of Fuel Injection, Supercharger, etc. if used)

Induction type, Carburetor, fuel injection, supercharger		Carburetor			
Fuel Tank	Refill capacity (U. S. gals.)	Approximately 22; Pickup 26			
	Filler location	Behind hinged, rear license plate			
Fuel Pump	Type (elec. or mech.)	Mechanical			
	Locations	Lower right front of engine			
	Pressure range (a)	4.00-5.00	7.50-9.00		
Vacuum booster (std., optional, none)		None			
Fuel Filter	Type	Fine mesh plastic strainer in gas tank			
	Locations	and paper filter element in carburetor inlet			
Carburetor	Choke type	Automatic			
	Intake manifold heat control (exhaust or water)	Exhaust			
	Air cleaner type	Standard	Thermostatically controlled; oil wetted paper element		
		Optional	---		
	Idle speed (spec. neutral or drive)	Manual	850	900	Not available	800
	Automatic	600	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		
1AC-29 & 37 1AD-29 & 37	250	Manual	Rochester	7044017	One; 1-bbl	1.69
	L22	Automatic		7044014 (7044314)		
ALL MODELS	350	Manual	Rochester	7044113	One; 2-bbl	1.69
	L65	Automatic		7044114 (7044503)		
	350	Manual	Rochester	(7044502)	One; 4-bbl	1.38 Prim. 2.25 Sec.
	LM1	Automatic		7044118		
	400	Automatic	Rochester	(7044526)	One; 4-bbl	1.38 Prim. 2.25 Sec.
	LF6	Automatic		7044201		
	400	Automatic	Rochester	7044223 (7044500)	One; 4-bbl	1.38 Prim. 2.25 Sec.
	LT4	Automatic				
454	Manual	Rochester		One; 4-bbl	1.38 Prim. 2.25 Sec.	
LS4	Automatic					

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

(a) 1800 RPM at pump outlet

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Car Line CHEVELLE
 Model Year 1974 Issued 9-73 Revised (•) _____

Engine Displacement

L6-250 C.I. L22	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 operate at (°F)	192°-198°			
Water pump	Type (centrifugal, other)	Centrifugal			
	GPM @ 2000 pump rpm	21.0	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 water circulation type (int, ext)	Internal		External		
Radiator type (cross-flow, vertical, tube and fan, etc.)	Cross flow; tube and center				
Cooling system capacity	Antifreeze (qt)	14	18	24	
	Water (qt)	-	-	-	
Water pump displacement-specify (qt)	14	18	24		
	Water pump length of cyl. (yes, no)	Yes			
Water pump around cylinder (yes, no)	Yes				
Radiator nose	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-staggered	7-blade	
	Diameter	17.62	18.00	19.50	
	Ratio to crankshaft rev.	1.165:1	.949:1	1.25:1	
Fan drive type		Thermo modulated clutch on V8-454 only			
Bearing type		Double row ball			
*Drive belts (indicate belt used by letter)	Fan	A	D	G	
	Generator or alternator	A	D	G	
	Water Pump	A	D	G	
	Power Steering	B	E	H	
	Air Conditioning	-	F	I	
Air Injection		C*	D	G	

(* Used with engine/mnl trans-all states and engine/auto trans-California)

*Drive Belt Dimensions	A	B	C	D	E	F	G	H	I	J	K
Angle of V	34° - 38°										
Nominal length - SAE	38.00	48.50	37.50	47.50	36.00	55.00	50.00	41.00	58.50		
Width	.380										

**MVMA Specifications Form
Passenger Car**

Car Line CHEVELLE
Model Year 1974 Issued 9-73 Revised (•) _____

Engine Displacement

L6-250 mnl. trans. V8-454 V8-350 L65&400LT4 All states except California	L6-250&V8-454 V8-350 LMI&400LT4 California only	L6-250 auto. trans. -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(250,350&400):1.31:1 (454)	Controlled	
	Drive type	Crankshaft pulley		
	Relief valve (type)	Diverter valve	Combustion	
	Filter (describe)	Centrifugal air cleaner		
Air Injection System	Air distribution (head, manifold, etc.)	Head (L6); Manifold (V8)	System	
	Point of entry	Cylinder head (L6); Exhaust ports (V8)		
	Injection tube i.d.	.2700		
	Check valve type	Pressure plate type		
	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	L6-250 & V8-454 left front V8-350 & 400 right rear of inlet manifold		
	Control energy source	Carburetor vacuum		
	Exhaust source	Manifold heat passage L6; Manifold exhaust crossover V8		
	Exhaust cooler type	None		
	Orifice no. and size	One; .030 (a)		
	Point of exhaust injection (spacer, carburetor, manifold, other)	Inlet manifold		
Other	Carburetor	Thermostatically controlled air cleaner		
	Heated Air	regulates and mixes heated air with incoming cold air to reduce hydrocarbon emission		
	Transmission	Regulates vacuum to distributor vacuum		
	Controlled Spark (with manual transmissions)	advance to reduce hydrocarbon and oxides of nitrogen emissions in low and intermediate speed ranges		
Crankcase Emission Control	Type (ventilates to atmos., induction system, other)	Standard Optional	Induction system ---	
	Control Unit	Make and model	AC Spark Plug 6487935 (L6);	
		Location	Rocker cover - top rear L6 and left front V8	
		Energy source (manifold vacuum, carburetor, other)	Manifold vacuum	
		Control method (variable orifice, fixed orifice, other)	Variable orifice	
	Complete System	Discharges (to intake manifold, other)	Intake manifold	
		Air inlet (breather cap, other)	Carburetor air cleaner	
		Flame arrestor (screen, other)	Screen	

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

MVMA Specifications Form
Passenger Car

Car Line **CHEVELLE**
 Model Year **1974** Issued **9-73** Revised (•)

Engine Displacement

L6-250mn'l. trans. V8-454 V8-350 L65&400LF6 All states except Calif.	L6-250 & V8-454 V8-350LM1&400LT4 California only	L6-250 auto. trans. All states except California
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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		L6-Staged purge valve controlled by throttle position V8-Controlled by orifices and carburetor throttle body and throttle blade position.

MVMA Specifications Form
Passenger Car

Car Line CHEVELLE
 Model Year 1974 Issued 9-73 Revised (•) _____

Engine Displacement

L6-250 C.I.	V8-350 & 400 C.I.	V8-454 C.I.
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Electrical — Supply System

Battery	Make and Model	Delco Remy 1980199	1980200	1980204	
	Voltage Rtg & Total Plates	12 volts - 54 plates	12 volts - 66 plates	12 volts - 78 plates	
	Cranking Power	2300 watts @ 0° F	2900 watts @ 0° F	4000 watts @ 0° F	
	Location	Right front side of engine compartment			
	Terminal grounded	Negative			
Generator or Alternator	Make	Delco-Remy			
	Model	1100947		1100934	
	Type and rating	Diode rectified - 37 amps			
	Output at engine idle (neutral)	12-20 amps			
	Ratio—Gen. to 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	1108365		1108430	
	Rotation (drive end view)	Clockwise			
Motor Drive	Engagement type	Positive shift solenoid			
	Pinion meshes (front, rear)		Rear		
	Number of teeth	Pinion	9	9	
		Flywheel	Manual	153	168
			Auto	153	168
	Flywheel tooth face width	Manual	.4010-.4130	.4100-.4220	
Auto		.4010-.4130	.4100-.4220		

MVMA Specifications Form
Passenger Car

Car Line CHEVELLE
 Model Year 1974 Issued 9-23 Revised (●) 1/74

Engine Displacement

L6-250 C.I. L22	V8-350 C.I. L65 LM1	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.)	33-34	.29-31				
Brkr. arm tension (oz.)	19-23				28-32	
Distributor ●	Manual	1110499	1112844	(1112543)	Not available	1112113
	Automatic	1110499	1112844	(1112093)	1112846 (1112545)	1112113
Timing ●	Manual	6°BTC @ 850	0°BTC @ 900	4°BTC @ 900	---	10°BTC @ 800
	Automatic	8°BTC @ 950	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 Degrees in. of Mercury	
	Start	Intermediate	Maximum	Start	Maximum
1110499	0° @ 950-1280	12.5-16.5 @ 2400	22-26 @ 4100	0° @ 6-8	21.5-26.3 @ 15.5
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 @ 15.5
1112545	0° @ 700-1300	----	16-20 @ 3900	0° @ 7-9	13.5-19 @ 15.5
1112543	0° @ 800-1200	13-15 @ 2400	20-24 @ 4200	0° @ 5-7	13.5-16.5 @ 13.5
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 @ 10.0

MVMA Specifications Form

Passenger Car

Car Line CHEVELLE
 Model Year 1974 Issued 9-73 Revised (•) _____

Engine Displacement

L6-250 C.I.	V8-350 C.I.	V8-400 C.I.	V8-454 C.I.
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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	1115208 | 1115293	
	Amps	Engine stopped	4.0
		Engine idling	1.8
Spark Plug	Make	AC Spark Plug	
	Model	ACR46T | ACR44T	
	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	One; Two optional
	Amp draw (each)	4.5-6.5 @ 12.5 (low note)
Other		Restraint system warning light and buzzer Parking brake and parking brake warning light

MVMA Specifications Form
Passenger Car

Car Line CHEVELLE
Model Year 1974 Issued 9-73 Revised (•) _____

Engine Displacement		
L6-250 C.I. L22	V8-350 C.I. L65 | LM1	V8-454 C.I. LS4

Drive Units—Clutch (Manual Transmission)

Make & type	Chevrolet Single dry disc	Chevrolet Single dry disc, centrifugal		
Type pressure plate springs	Diaphragm	Diaphragm bent finger design		
Total spring load (lb.)	1650-1900	2100-2300	2450-2750	
No. of clutch driven discs	One			
Clutch facing	Material: Woven type asbestos			
	Outside & inside dia.	9.12x6.12	10.34x6.50	11.00x6.50
	Total eff. area (sq. in.)	71.82	101.54	123.70
	Thickness	.135		.140
	Engagement cushioning method	Flat spring steel between facings		
Release bearing	Type & method of lubrication	Single row ball, packed and sealed		
Optional damping	Method, springs, friction material	Coil springs		

Drive Units—Transmissions

Manual 3-speed (std., opt., N.A.)	Standard	Not available
Manual 4-speed (std., opt., N.A.)	Not available	Standard
Automatic (std., opt., N.A.)	Optional-standard with V8-400 engines	

Drive Units — Manual Trans.

Number of forward speeds	3	3	4	
Transmission ratios	In first	2.85	2.54	2.20
	In second	1.68	1.50	1.64
	In third	1.00	1.00	1.27
	In fourth	--	--	1.00
	In reverse	2.95	2.63	2.26
Synchromeshing, specify gears	All forward gears			
Shift lever location	Steering column 3-speed Floor mounted 4-speed			
Lubricant	Capacity (qt.)	3		
	Type recommended	Meeting Military Specs. MIL-L-2105B		
	SAE viscosity number	Summer	SAE 80	
		Winter	SAE 80	
Extreme cold		SAE 80		

MVMA Specifications Form Passenger Car

Car Line CHEVELLE
 Model Year 1974 Issued 9-73 Revised (•) 1/74

Engine Displacement

L6-250 C.I.	V8-350 & 400 C.I.	V8-454 C.I.
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Drive Units—Automatic Transmission

Trade name		Turbo Hydra-matic	
Type (describe)		Torque converter with planetary gears	
Selector location		Lever-steering column; floor mounted when used with console and optional bucket seats	
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		67	82
Max. kickdown speed - drive range		64	79
Torque converter	Number of elements		3
	Max. ratio at stall		2.00
	Type of cooling (air, liquid)		Water
	Nominal diameter		11.75
Lubricant	Capacity - refill (pt.)		8
	Type recommended		A suffix A
Special transmission features			

Drive Units—Axle

Type (front, rear)		Rear	
Description		Semi-floating axles, overhung hypoid drive pinion and ring gear	
Limited Slip differential, type		Disc clutches	
Drive Pinion Offset		1.50	
No. of differential pinions		Two	
Pinion adjustment (shim, other)		Shims	
Pinion bearing adj. (shim, other)		Collapsible sleeve	
Wheel bearing type		Direct single row cylindrical	
Capacity (pt.)		4.25 (8-1/2 ring gear); 4.9 (8-7/8 ring gear)	
Type recommended		Open Diff: Meeting Military Specs. MIL-L-2105-B	
Lubricant	SAE viscosity number	Summer	SAE 80
		Winter	SAE 80
		Extreme cold	SAE 80

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

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

MVMA Specifications Form

Passenger Car

Car Line CHEVELLE
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Engine Displacement

--	--

Drive Units—Propeller Shaft

Number used		One
Type (straight tube, tube-in-tube, internal-external damper, etc.)		Straight tube
Outer diam. x length* x wall thickness	Manual 3-speed trans.	3.00x57.65x0.065 (116" wheel base) 2.75x53.65x0.065 (112" wheel base)
	Manual 4-speed trans.	Same as 3-speed
	Automatic transmission	Same as 3-speed
Intermediate bearing	Type (plain, anti-friction)	None
	Lubrication (fitting, prepack)	--
Slip Yoke	Type	Yoke
	Number of teeth	27
	Spline O D	1.1750-1.1752
Universal joints	Make and Mfg No	Chevrolet 1285, Saginaw 27832
	Number used	Two
	Type (ball and trunnion, cross)	Cross
	Rear attach (u-bolt, clamp, etc.)	Strap & bolt
	Bearing	Type (plain, anti-friction)
Lubric (fitting, prepack)		Pre-pack
Drive taken through (torque tube or arms, springs)		Control arms
Torque taken through (torque tube or arms, springs)		Control arms

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

MVMA Specifications Form

Passenger Car

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

1AC29/37 1AD29/37	● 1AE 37	1AC/AD/AG35	1AC/AD 80
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Drive Units — Tires And Wheels (Standard)

TIRES	Size, load range, ply	E78x14B **	G70x14B	H78x14B	G78x14B	
	Type (bias, radial, etc.)	Bias belted	Bias belted	Bias belted		
	Maximum load inflation pressure (cold)	Front *	28	28	28	30
		Rear *	32	28	32	32
	Rev./mile @ 45 mph	796	777	752	772	
WHEELS	Type & material	Spoke disc	Rally steel	Short spoke disc steel		
	Rim (size & flange type)	14x6	14x7	14x6	14x6	
	Attachment	Type (bolt or stud)	Stud			
		Circle diameter	4.75			
		Number & size	5 hex nuts 7/16-20 UNF-2B			
Spare wheel (same or other)	Same					

Drive Units — Tires And Wheels (Optional)

Size, load range, ply	G78x14B **	HR70x15B	HR78x15B	G70x14B
Type (bias, radial, etc.)	Bias belted	Stl. bltd. radial	Stl. bltd. radial	Bias belted
Wheel type & material	Spoke disc	Rally, steel	Cast urethane	Cast urethane
Rim (size & flange type)	14x6 (a)	15x7	Turbine 14x7	Turbine 14 x 7
Size, load range, ply	H78x14B	GR70x15B	HR70x15B	H78x14B
Type (bias, radial, etc.)	Bias belted	Stl. bltd radial	Stl. bltd. radial	Bias belted
Wheel type & material	Cast urethane	rally steel	Spoke disc	Spoke disc
Rim (size & flange type)	Turbine 14x7	15 x 7	15x7	15x7 (a)
Size, load range, ply	G70x14B			GR78x15B
Type (bias, radial, etc.)	Bias belted			Stl. bltd. radial
Wheel type & material	Cast urethane			Spoke disc
Rim (size & flange type)	Turbine 14x7			15x7 (a)
Size, load range, ply	GR70x15B			GR70x15B
Type (bias, radial, etc.)	Stl. bltd. radial			Stl. bltd. radial
Wheel type & material	Spoke disc			Spoke disc
Rim (size & flange type)	15x7 (b)			15x7 (a)
Size, load range, ply	GR78x15B			
Type (bias, radial, etc.)	Stl. bltd. radial			
Wheel type & material	Spoke disc			
Rim (size & flange type)	15x7 (b)			

Brakes — Parking (a) 14x7 Turbine also available optionally
 (b) 15x7 Rally also available optionally

Type of control	Apply-foot pedal; release "T" handle	
Location of control	Under instrument panel, left of steering column	
Operates on	Rear service brakes	
If separate from service brakes	Type (internal or external)	---
	Drum diameter	---
	Lining size (length x width x thickness)	---

* Full rated pressures shown; selective tire pressures are contingent on weight of vehicles.

** E78x14B base on 6 cyl. engine; G78x14B base on V8 engines

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Steering

Manual STD. (opt. NA)		Standard; energy absorbing steering column		
Power STD. (opt. NA)		Optional (standard on model LAE37)		
Adjustable steering wheel (tilt, swing, other)	Type and description	Tilt: universal jointed steering shaft at base of steering wheel; 5 inch vertical travel		
	(std., opt., NA)	Optional		
Wheel diameter	Manual	15.25x14.75 (Oval)		
	Power	Same		
Turning diameter (feet)	Outside front	Wall to wall (l. & r.)	Manual 42.64; Power 42.84 except St. wagons 42.64	
		Curb to curb (l. & r.)	Manual 39.46; Power 39.68 except St. wagons 39.49	
	Inside rear	Wall to wall (l. & r.)	---	
		Curb to curb (l. & r.)	---	
Manual:	Gear	Type	Semi-reversible, recirculating ball nut	
		Make	Saginaw Steering	
		Ratios	Gear 28.0:1 Overall 32.8:1 on center to 34.7:1	
	No. wheel turns (stop to stop)	6.64		
Power	Type (coaxial linkage, etc.)	Integral gear with power piston and vane type pump		
	Make	Saginaw Steering		
	Gear	Type	Same as manual	
		Ratios	Gear 16.0:1 on center to 13.0:1; St. wags. 15.0:1 on center to 13.0:1 Overall 17.6:1 on center to 14.3:1; St. wags. 18.7:1 on center to 16.1:1 (a)	
	Pump driven by	Crankshaft pulley		
No. wheel turns (stop to stop)	3.10; St. Wags. 3.28; Pickup 2.96			
Linkage	Type	Parallelogram (b)		
	Location (front or rear or wheels, other)	Front		
	Drag link (trans. or longit.)	None		
	Tie rods (one or two)	Two		
Steering Axis	Inclination at camber (deg.)		9.6 @ 1° camber	
	Bearings (type)	Upper	Ball stud with non-metallic surfaces	
		Lower	Ball stud with non-metallic surfaces	
		Thrust	None	
Whl. Align. (range at curb wt. & preferred)	Caster (deg.)		Manual-N1-1/4± 1/2; Power-N1/4± 1/2	
	Camber (deg.)		Left-hand P±1/2; Right-hand P-1/2±1/2	
	Toe-in (outside track inches)		1/16 ± 1/16	
Steering spindle & joint type		Forging with pad for mounting brake cyl, spherical joints		
Wheel Spindle	Diameter	Inner bearing	1.2493-1.2498	
		Outer bearing	0.7493-0.7498	
	Thread size		3/4-20 NEF-3 (modified)	
	Bearing type		Taper roller	

(a) "SS" Coupe & Pickup 16.5:1 on center to 14.3:1

(b) Hydraulic dampner used on relay rod with manual steering equipped vehicles.

MVMA Specifications Form
Passenger Car

Car Line CHEVELLE
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Body Type And/Or Engine Displacement

Coupes & Sedans	Station Wagons & Pickups
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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	Mounting angle of front upper control arms	
Provision for acc. squat control	Rear suspension geometry	
Special provisions for car jacking	Position jack in bumper slots in 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 booster shock absorbers standard on rear of Sedan Pickup	

Suspension — Front

Type and description	Independent-SLA type with coil springs	
Travel	Full Jounce	3.54
	Full Rebound	4.20
Spring	Type (coil, leaf, other)	Coil
	Material	Steel alloy
	Size (coil design height & I.D., bar length x dia.)	11.0x4.05; 128.96x.668 (a)
	Spring rate (lb. per in.)	365 (a)
	Rate at wheel (lb. per in.)	101.7 (a)
Stabilizer	Type (link, linkless, frameless)	Link
	Material & bar diameter	HR steel; 0.8125

Suspension — Rear

Type and description	Linked Salisbury axle fixed by control arms		
Drive and torque taken through	Control arms		
Travel	Full Jounce	3.80	3.00
	Full Rebound	4.87	5.10
Spring	Type (coil, leaf, other)	Coil	
	Material	Steel alloy	
	Size (length x width, coil design height & I.D., bar length & dia.)	10.00x5.50; 110.8x0.548 (a)	
	Spring rate (lb. per in.)	115 (a)	
	Rate at wheel (lb. per in.)	112.3 (a)	
	Mounting insulation type	Natural rubber	
	If leaf	No. of leaves	--
Shackle (comp. or tens.)		--	
Stabilizer	Type (link, linkless, frameless)	None	
	Material & bar diameter	--	
Track bar type	None		

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

MVMA Specifications Form

Passenger Car

Car Line CHEVELLE
 Model Year 1974 Issued 9-73 Revised (●) 1/74

Body Type

4-Door Sedan	2-Door Coupes 1AC37 & 1AE37	Station Wagon	Pickup
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Frame

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

All welded perimeter type with front crossmember, rear suspension crossmember, and rear crossmember

Body — Miscellaneous Information

Drs. hinged (front, rr.)	Front doors	Front			
	Rear doors	Front	--	Front	--
Type or 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	6 Cyl.- On crankcase on RH side of engine, rear of distributor V8-on top front of RH bank of cylinder and case				
Theft protection - type	Lock mounted on steering column; locks steering wheel, transmission shift levers and ignition				
Vent window control method (crank, friction pivot)	Front	None			
	Rear	None			
Seat cushion type	Front	Formed wire and foam pad			
	Rear	Formed wire and foam pad			
	3rd seat	Formed wire and foam pad			
Seat back type	Front	Formed wire and foam pad			
	Rear	Formed wire and foam pad			
	3rd seat	Formed wire and foam pad			
Windshield glass type (i.e., single curved - laminated plate)	Curved-Laminated plate				
Side glass type (i.e., curved - tempered plate)	Curved-Tempered plate				
Backlight glass type (i.e., compound curved - tempered plate, three piece)	Tempered plate Curved			Flat	
● Windshield glass exposed surface area	1332.6	1276.6	1332.6	1276.6	
● Side glass exposed surface area	2127.9	1836.0	1518.6	3174.3	1252.0
● Backlight glass exposed surface area	1262.9	1307.2	926.1	573.2	
● Total glass exposed surface area	4723.4	4419.8	4102.4	3101.0	3101.8

MVMA Specifications Form

Passenger Car

Car Line CHEVELLE
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Body Type			
4-Door Sedans	Coupes	Station Wagons	Sedan Pick-up

Convenience Equipment

Power windows	Side windows	Optional all except 1AC29, 35, 37, 80
	Vent windows	NA
	Backlight or tailgate	NA
Power seats (specify type as well as availability)	6-Way power bench seat, optional all models except 1AC29, 35, 37, 1AC/AD80	
Reclining front seat back (R-L or both)	NA	
Radios (specify type as well as availability)	Optional-AM, Stereo Tape (a), AM/FM Stereo Radio (a), AM Radio W/ Stereo Radio W/Stereo Tape System (a)	
Rear seat speaker	Optional (a)	
Power antenna	NA	
Clock	Optional	
Air conditioner (specify type and availability)	Optional - 4-Season (V8 Models only)	
Speed warning device	NA	
Speed control device	NA	
Ignition lock lamp	NA	
Dome lamp	Standard	
Glove compartment lamp	Standard all models except 1AC00 optional	
Luggage compartment lamp	Optional	
Underhood lamp	Optional	
Courtesy lamp	Optional	
Map lamp	Optional	
Cornering light lamp	NA	
Rear window defroster electrically heated	NA	
Rear window defogger	Optional (a)	
Power door lock sys.	Optional	
Swivel bucket seats	Optional all models except model 29; 1AE37 Standard	
Windshield Antenna	Available 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**	28.33	28.42	28.89	28.88
		Lowest	--	--	--	--
	Tail (H126)	Highest	24.80	24.67	18.94	16.40
		Lowest	--	--	--	--
	Sidemarker	Front	23.71	23.79	24.32	24.28
		Rear	20.37	20.26	20.18	19.49
Distance from O.L. of car to center of bulb	Head lamp	inside	--	--	--	--
		Outside**	28.50	28.50	28.50	28.50
	Tail	Inside	21.17	21.17	21.17	24.50
		Outside	28.12	28.12	28.12	31.20
	Directional	Front	28.50	28.50	28.50	28.60
		Rear	28.12	28.12	28.12	31.20

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

**If single headlamps are used enter here

(a) Not available with El Camino.

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Passenger Car

Car Line CHEVELLE
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Optional Equipment Weights

Equipment Differential Weights	WEIGHT (Pounds)			Remarks
	Front	Rear	Total	
Air Conditioning	+ 88	+ 4	+ 92	
Power Steering	+ 27	+ 1	+ 28	Std on 1AE37
Power Brakes	+ 10	+ 1	+ 11	Std on Station Wagons
Electric Door Locks	+ 4	+ 3	+ 7	Used with 2-Door Models
	+ 7	+ 8	+ 15	Used with 4-Door Models
Bucket-Seat-Swivel	+ 5	+ 6	+ 11	Std on 1AE37
Station Wagon-3rd seat	- 5	+ 37	+ 32	and equipment
Power Windows	+ 9	+ 11	+ 20	All except El Camino
	+ 6	+ 3	+ 9	El Camino
Power Seat 6-way bench	+ 13	+ 11	+ 24	
Front & Rear floor mats	+ 5	+ 4	+ 9	All except El Camino
Front Floor Mat	+ 4	+ 2	+ 6	El Camino
Electric Sun Roof	+ 18	+ 28	+ 46	Model 37 only
Vinyl Roof Cover	+ 3	+ 5	+ 8	All except Station Wagons
Rear Window Air Defl.	- 1	+ 7	+ 6	Station Wagons
Turbine I wheels, 14 x 7 (urethane styled stl wheels)	+ 8	+ 12	+ 20	
Radio AM Push Button	+ 4	+ 2	+ 6	
Radio AM/FM Push Button	+ 6	+ 2	+ 8	
Radio AM/FM Stereo	+ 11	+ 4	+ 15	
Radio AM Push Button & Tape Stereo	+ 15	+ 5	+ 20	
Radio AM/FM Push Button & Stereo Tape	+ 16	+ 5	+ 21	
Front & Rear Bumper Guards	+ 8	+ 6	+ 14	
Roof Luggage Carrier	+ 2	+ 18	+ 20	Station Wagons
Front Compartment Console	+ 5	+ 3	+ 8	4-Speed Transmission
	+ 10	+ 5	+ 15	Turbo Hydra-matic Transmission
250 Cu. In. L6 Engine	+ 7	+ 6	+ 13	Turbo Hydra-matic Transmission
350 Cu. In. L65	+163	+ 17	+180	Turbo Hydra-matic Transmission
350 Cu. In. LMI	+167	+ 17	+184	Turbo Hydra-matic, 1AC-1AD29, 37
	+ 26	+ 8	+ 34	" " 1AC35, 1AC-1AD80, 1AE37
	+ 4	+ 0	+ 4	" " 1AD35, 1AG35
400 Cu. In. LF6	+212	+ 28	+240	" " 1AC-1AD29, 37
	+ 23	+ 17	+ 40	" " 1AE37, 1AC35, 1AD80
	+ 10	+ 1	+ 11	" " 1AD-1AG35
400 Cu. In. LT4	+227	+ 28	+255	" " 1AC-1AD29, 37
	+ 29	+ 17	+ 46	" " 1AE37, 1AC35, 1AC-1AD80
	+ 14	+ 1	+ 15	" " 1AD-1AG35
454 Cu. In. LS4	+338	+ 83	+421	" " 1AC-1AD29
	+352	+ 73	+425	" " 1AC-1AD37
	+201	+ 57	+258	" " 1AC35
	+215	+ 53	+268	" " 1AC-1AD80
	+185	+ 39	+224	" " 1AD35, 1AG35
	+259	+ 72	+331	" " 1AE37
454 Cu. In. LS4	+318	+ 61	+379	4-Speed Transmission, 1AC-1AD37
	+181	+ 46	+227	" " 1AE37
	+181	+ 41	+222	" " 1AC-1AD80

MVMA Specifications Form
Passenger Car

Car Line CHEVELLE
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

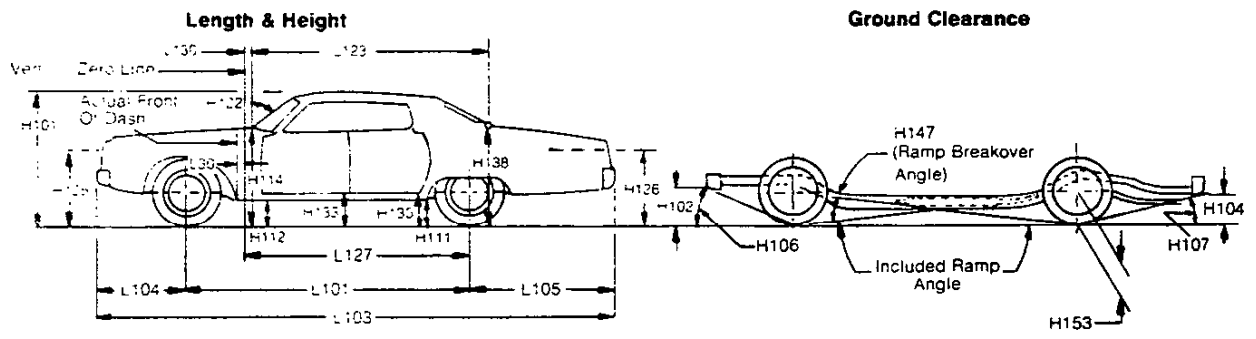
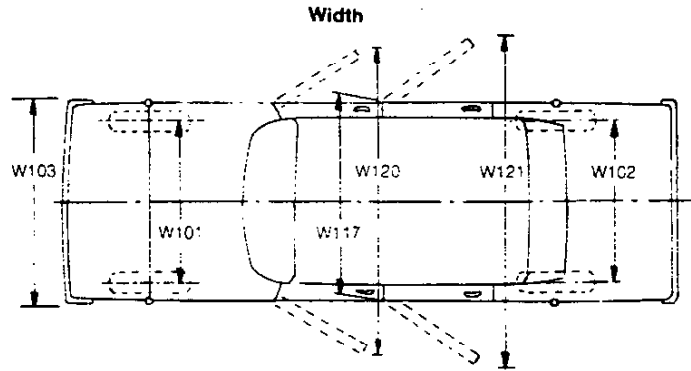
Fiducial Mark
to Ground
at Design

	X	Y	Z		
Front	22. 70	28. 48	4. 83	Coupes	10. 50
		28. 48	4. 83	Sedans	10. 51
	22. 72	28. 50	4. 83	Station Wagons	11. 46
		28. 50	4. 83	El Camino	11. 17
Rear	12. 70	130. 54	9. 50	Coupes	14. 60
		134. 54	9. 50	Sedans	14. 74
	18. 50	146. 00	12. 30	Station Wagons	19. 03
		142. 00	11. 77	El Camino	17. 81

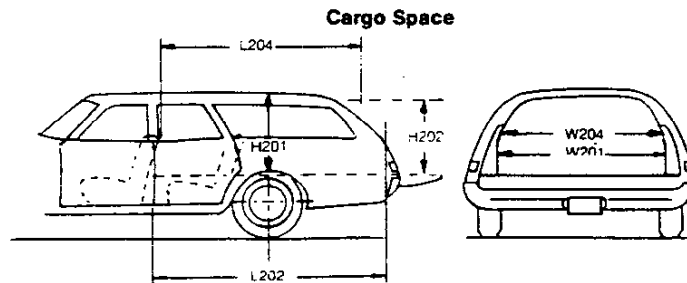
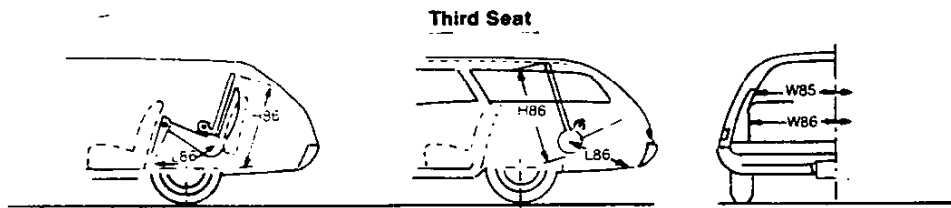
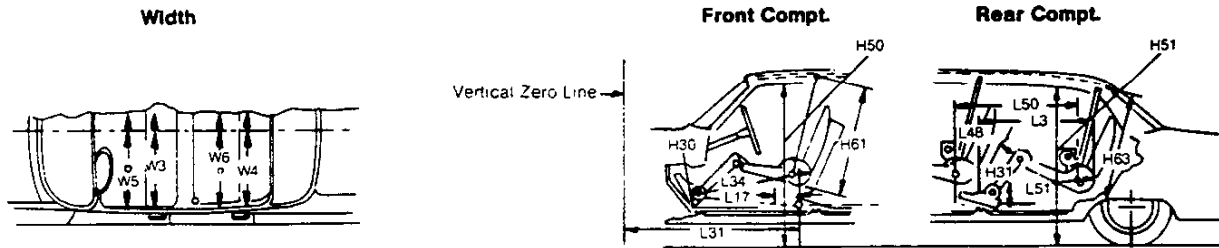
* Reference — SAE Recommended Practice, J182

MVMA Specifications Form Passenger Car

Exterior Car And Body Dimensions — Key Sheet



Interior Car And Body Dimensions — Key Sheet



MVMA Specifications Form Passenger Car

Exterior Car And Body Dimensions — Key Sheet Dimension Definitions

Width Dimensions

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

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.
- 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

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

W4xL204xH201
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MVMA Specifications Form Passenger Car

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