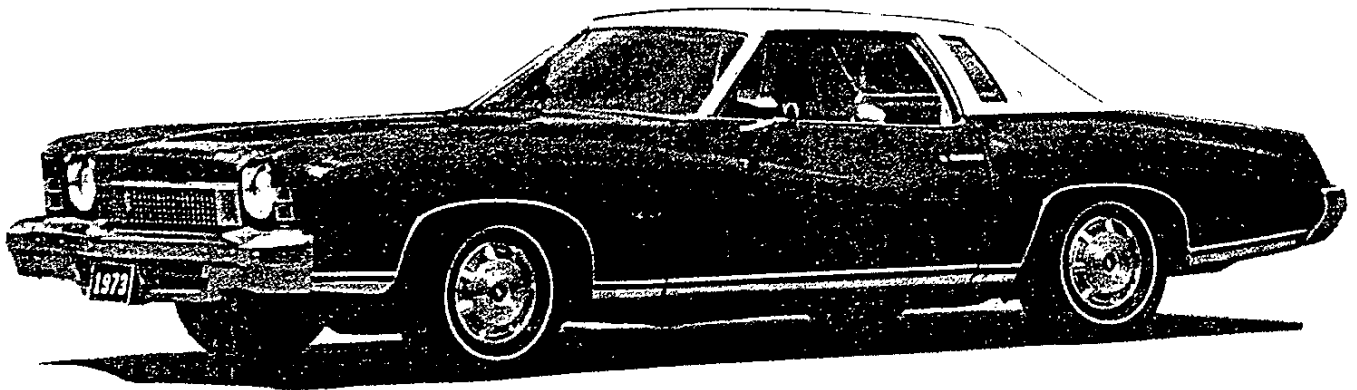


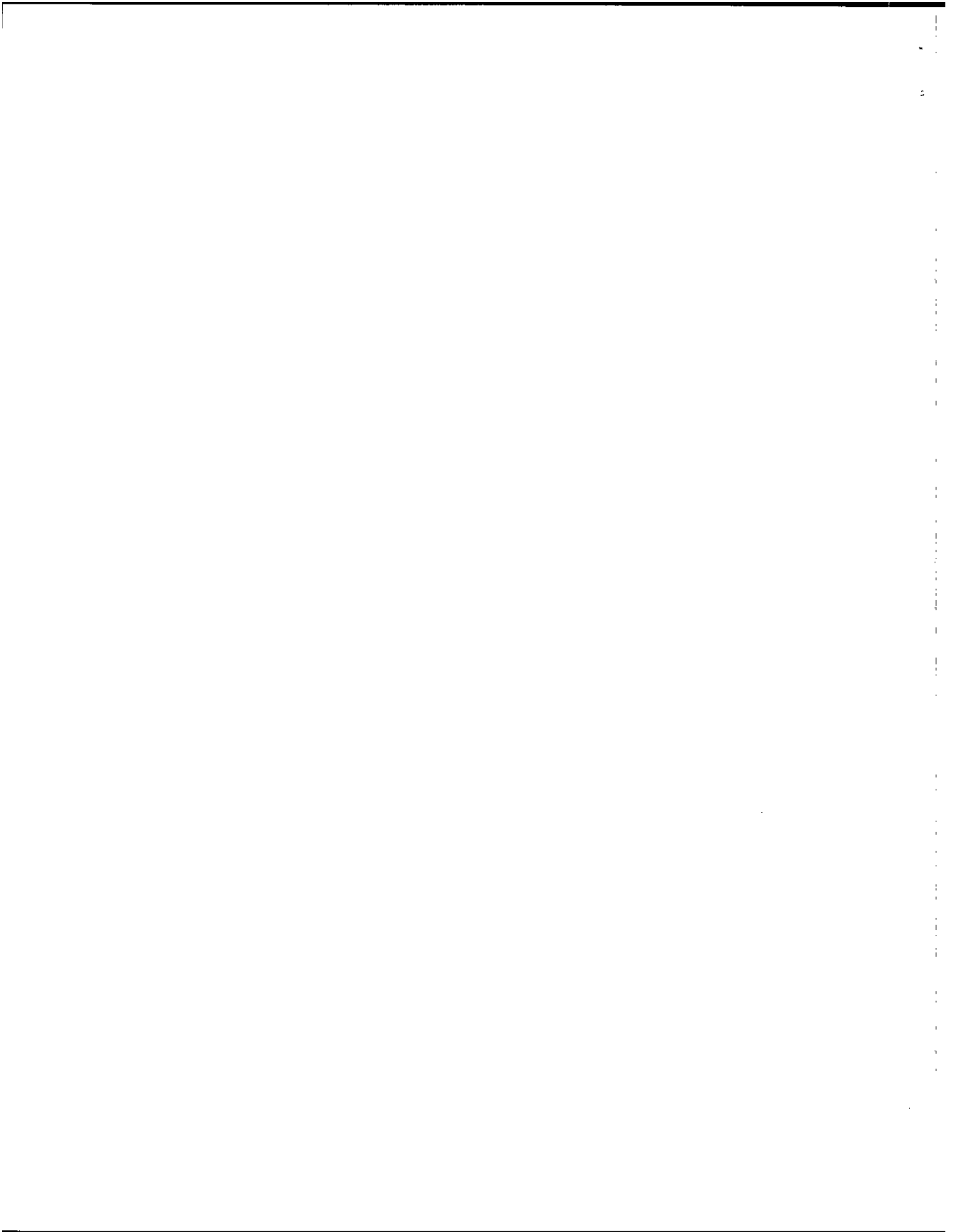


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Chevrolet



1973 Monte Carlo



GENERAL

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MODEL IDENTIFICATION

BODY	SERIES NAME	BODY STYLE	MODEL DESIGNATION	PASS OR SEATS
A-SPECIAL	MONTE CARLO	2-Dr. Sport Coupe	1AH57	6

EXTERIOR EQUIPMENT

STANDARD EXTERIOR EQUIPMENT

	MONTE CARLO
FRONT	
Bright Windshield Reveal Molding	X
Concealed Windshield Wipers and Articulated Left Blade	X
Bright Hood Rear Molding (at Cowl)	X
Rectangular Fender Mounted Parking Lamp with White Lens and Amber Bulb	X
Bright Die Cast Radiator Grille	X
Single Headlamps	X
Bright Headlamp Rings	X
Radiator Grille Crest Emblem	X
Header Plate Script "Monte Carlo"	X
SIDE	
Sail Panel Crest	X
Rectangular Bright LH Outside Rear View Mirror	X
Body Side Lower Molding - Black Accented between Wheels; and Black Painted Rocker with Bright Molding; Fore and Aft of Wheels - Black Accented One-Piece Molding	X
Bright Drip Moldings	X
Bright Wheel Opening Moldings	X
Bright Door Corner Molding	X
Bright Belt Bead Molding	X
Wheel Trim Covers	X
Bright Quarter Window Molding	X
Bright Lift Bar Door Handles	X
Front Fender Nameplate Script - "Monte Carlo"	X
Front Fender Marker Lamp with Amber Lens (Framed in Fender Molding)	X
Rear Marker Lamp with Red Lens (Framed in Quarter Molding)	X
REAR	
Rear Deck Lid Crest	X
Rear Deck Lid Nameplate "Monte Carlo by Chevrolet" - Script and Block on Bow Tie	X
Rear Window Reveal Molding	X
Separate Bumper Mounted Backup Lamps	X
Tail Lamp Mounted in Rear Quarter End Cap; Bright Molding on Lens	X
Bright Rear End Panel Molding	X

STANDARD INTERIOR EQUIPMENT

ROOF AND PILLARS	MONTE CARLO
Premier Vinyl Coated Headlining—Perforated	X
Trim Color Windshield, Roof Rail and Rear Window Trim Lace	X
12-Inch Prismatic Rear View Mirror with Gray Padded Edge	X
Dull Chrome Rear View Mirror Support	X
Padded Sunshades Matching Headlining	X
Air Gap Windshield Pillars	X
Trim Color Plastic Coat Hooks	X
Bright Bezeled Center Dome Lamp	X
Front Door Jamb Switches	X
Front Seat Shoulder Belt Anchor Cover (Belt Color)	X
Front Seat Shoulder Belt Clip Retainers	X
Embossed Board Rear Package Shelf	X
SEATS AND FLOOR COVERING	
Front and Rear Seat Cushions with Foam Padding	X
Black Front Seat Adjuster Handle	X
Bright Folding Front Seat Back Latch	X
Front Seat Head Restraints	X
Front and Rear Seat Belts — Six	X
Front Seat Shoulder Belts — Two	X
Carpeting Along Back of Front Seat at Bottom	X
Front Seat Belt Anchor Cover (Belt Color)	X
Carpet Passenger Compartment Floor Covering	X
Luggage Compartment Spatter Paint	X
Luggage Compartment Mat (Rubber and Foam Backed Vinyl)	X
DOOR AND QUARTER PANEL	
Front Door Padded Armrest w/Ash Tray in Rear Section	X
Built-In Rear Quarter Panel Armrest	X
Clear Plastic Window Control Handle Knobs	X
Bright Door Lock Buttons	X
Padded Vinyl Door and Quarter Panel Trim	
Vinyl Door Assist Handle with Bright Escutcheons	X
Door Sidewall Nameplate "Monte Carlo"	X
Bright Rear Quarter Window Molding	X
Formed Map Pockets in Doors	X

INTERIOR EQUIPMENT

STANDARD INTERIOR EQUIPMENT

INSTRUMENT PANEL AND STEERING WHEEL	MONTE CARLO
Glove Compartment Light	X
Heater Control Light	X
Temperature, Generator, Oil Pressure, Brake and Seat Belt Warning Lights	X
Hi-Beam and Turn Signal Indicators	X
Bright Cowl Vent Control Knob	X
Bright Astro-Ventilation Control Knob	X
Two-Speed Windshield Wiper and Washer Switch (Slide Type Depress to Wash)	X
Soft Black Symbol Type Lighting Control Knob	X
Black Hazard Flasher Knob	X
Soft Black Turn Signal and Transmission Shift Lever Knobs	X
Steering Column Ignition Switch with Integral Steering Wheel and Transmission Lock	X
T-Handle Parking Brake Release	X
T-Handle Interior Hood Release	X
Blended Air Heater	X
Ash Tray	X
Cigarette Lighter with Soft Black Symbol Type Knob	X
Speedometer, Odometer, Clock and Fuel Gage	X
Instrument Panel Pad Color-Keyed to Interior	X
Instrument Panel Astro-Ventilation Outlets (R&L)	X
Glove Compartment Door Lock	X
Wood-Grain Cluster Surface	X
Color Keyed Steering Wheel and Column	X
Steering Wheel with Wood Grain Insert and "Monte Carlo" Nameplate	X
Plastic Cowl Kick Pads	X
GLASS	
Laminated Safety Plate Glass Windshield (Thin Design)	X
Solid Safety Plate Backlight	X
Solid Safety Plate Side Windows	X

EXTRA COST EQUIPMENT

EQUIPMENT	RPO	ACC.
Front and Rear Bumper Guards	V30	X
Door Edge Guards	B93	X
Visor Vanity Mirror	D34	X
Rear Window Defroster (Forced Air)	C50	X
L.H. Outside Remote-Control Rear View Mirror	D33	X
MODEL OPTIONS		
● Monte Carlo 'Landau' (see page 11 for content)	Z03	
● Monte Carlo 'S' (see page 11 for content)	Z76	
POWER TEAMS		
Turbo-Fire 350 V-8	L48	
Turbo-Jet 454 V-8	LS4	
Turbo Hydra-matic	M40	
Axle, Positraction	G80	
Axle, Trailering Ratio	YD1	
Axle, Performance Ratio Rear	ZQ9	

EXTRA COST EQUIPMENT

EQUIPMENT	RPO	ACC
POWER ASSISTS		
Locks, Electric Door	AU3	
Seat, 6-Way Electric Control Bench	A42	
Window, Electric Control	A31	
OTHER OPTIONS		
● Air Conditioning, Four-Season (see page 10 for content)	C60	
Alarm, Theft		X
Battery Blanket		X
Battery, Heavy Duty	T60	
Belts, Deluxe Seat and Shoulder (Color Keyed to Interior)	AK1	
Bumper Guards, High Rise		X
Cap, Locking Gas Filler		X
Compass		X
Container, Litter		X
Dispenser, Tissue		X
Extinguisher, Fire		X
Generator, 61-Amp Delcotron	K76	
Glass, Tinted - All Windows	A01	
Glass, Tinted - Windshield only (Fleet use)	A02	
Guard, Vinyl Door Edge		X
Harness, Trailering Wiring		X
Hitch, Trailer - Equalizing Type		X
Hitch, Trailer - 2000 Lb. Class		X
Heater, Engine Block		X
Heater, Lower Hose		X
Highway Emergency Kit		X
Lighting, Auxiliary	Z19	
Engine Compartment Lamp		
Passenger Compartment Courtesy Lamps		
Map Lamp		
Luggage Compartment Lamp		
Ash Tray Lamp		
Mats, Front and Rear	B37	X
Mirrors, Sport Outside Rear View Body Color - LH	D35	
Remote Control & RH Manual Control		

EXTRA COST EQUIPMENT

EQUIPMENT	RPO	ACC.
OTHER OPTIONS		
Bumper Impact Strips, and Bumper Guards, Front and Rear	VE5	
Console, Front Compartment Floor	D55	
Coolant Recovery System	VQ1	X
Gauges, Instrument Panel	U14	
Mirror, RH		X
Mirror, Trailering - Fender Clamp		X
Radiator, Heavy Duty	V01	
Rack, Roof Top Ski		X
Molding, Body Side - Vinyl Insert	B84	
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 Radio	UM2	X
Speaker, Rear Seat	U80	X
Roof Cover, Vinyl	C08	
Radio, Citizens Band		X
Retainer, Seat Belt Buckle		X
Seat, Safety - Child		X
Seat, Safety - Infant		X
Seat, Special Contour Bucket - 90° Swivel	AN7	
Speed Control, Automatic	K30	X
Steering Wheel, Comfortilt	N33	
Sun Roof, Electric	CA1	
Suspension, H.D. Front and Rear	F40	
Spotlight, Hand		X
Wheel Covers, Trim	PA3	X
Wheel Covers, Simulated Wire	N95	X
Wheels, Turbine II	PE2	
Warmer, Interior Car		X
FACTORY INSTALLED REGULAR PRODUCTION TIRES		
G78 x 15 Bias Belted Ply Blackwall	QGS	
GR70-15 Steel Belted Radial Ply Blackwall	QRN	
GR70-15 Steel Belted Radial Ply Whitewall	QRM	

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

MONTE CARLO "S" AND "LANDAU" OPTION EQUIPMENT

MONTE CARLO 'S' OPTION - RPO Z76

AVAILABILITY

Standard model 1AH57

POWER TRAIN AVAILABILITY

Same as standard model.

CONTENT (In addition to or in place of standard equipment)

BODY INTERIOR

Added acoustical material

CHASSIS

GR70-15 steel belted radial ply blackwall tires
Rear suspension stabilizer bar.

LANDAU OPTION - RPO Z03

AVAILABILITY

Standard model 1AH57 with 'S' option RPO Z76

POWER TRAIN AVAILABILITY

Same as standard model.

CONTENT (In addition to or in place of standard equipment)

EXTERIOR

Landau type vinyl roof cover
Landau rear quarter nameplate
Fender accent striping
Dual body-color sport mirrors (LH remote controls, RH manual)
15 x 7 Turbine II wheels

INTERIOR

Visor vanity mirror
Landau door trim emblem

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DIMENSIONS AND WEIGHTS

INTERIOR DIMENSIONS	2
LUGGAGE CAPACITY	2
EXTERIOR DIMENSIONS	3
VEHICLE WEIGHTS	4

INTERIOR DIMENSIONS

FRONT COMPARTMENT

CODE	DESCRIPTION	SPORT COUPE
H3	Seat cushion height	10.8
H11	Entrance height	30.2
H13	Steering wheel thigh clearance	3.5
H30	H point to heel point	8.4
H32	Seat cushion deflection	3.2
H50	Upper body opening to ground	48.9
H58	H point rise	0.8
H61	Effective headroom	37.5
H70	H point to body O line	13.1
H75	Effective 'T' point headroom	37.6
W3	Shoulder room	58.8
W5	Hip room	56.0
L7	Steering wheel torso clearance	13.1
L17	H point travel	5.2
L34	Effective leg room	42.3

REAR COMPARTMENT

H8	Seat cushion height	12.2
H31	H point to heel point	10.1
H33	Seat cushion deflection	3.7
H63	Effective headroom	37.4
H71	H point to body O line	11.5
H76	Effective 'T' point headroom	37.3
W4	Shoulder room	57.1
W6	Hip room	52.9
L3	Rear compartment room	25.3
L50	H point couple distance	31.0
L51	Effective leg room	33.7

LUGGAGE COMPARTMENT

H195	Liftover height	25.7
V1	Usable luggage capacity (cu.ft.) (+)	14.7

● (+)—Corporation "H-Shoe Box" method of measurement is used.

EXTERIOR DIMENSIONS

LENGTHS

CODE	DESCRIPTION	SPORT COUPE
L101	Wheelbase	116.0
L102	Tire size (standard)	G78-15
L103	Overall length	210.4*
L104	Overhang - front	43.6*
L105	Overhang - rear	50.8*
--	Overall length - less bumpers	206.9
L127	Body O line to C/L of rear wheels	93.5
L128	Hood length at centerline	65.1
L30	Body O line to actual front of dash	-0.5

WIDTHS

W101	Tread - front	61.9
W102	Tread - rear	61.1
W103	Maximum overall width of car	77.6
W106	Front fender overall width	77.6
W107	Rear fender overall width	75.8
W120	Overall car width, front doors open	166.4

HEIGHTS

H101	Overall height (design)	52.7
H102	Front bumper to ground	12.0
H104	Rear bumper to ground	11.2
H111	Rocker panel to ground - rear	8.0
H112	Rocker panel to ground - front	8.5
H114	Hood at rear to ground	38.5
H115	Step height - front (design)	12.4
H116	Step height - rear (design)	--
H125	Headlamp to ground	28.5
H126	Tail lamp to ground	28.0
H136	Body O line to ground - front	5.6
H137	Body O line to ground - rear	5.1

CLEARANCES

H106	Angle of approach (degrees)	15.5
H107	Angle of departure (degrees)	13.2
H147	Ramp breakover angle (degrees)	9.6
H148	Front suspension to ground	4.9
H149	Oil pan to ground	5.3
H150	Flywheel housing to ground	5.2
H151	Frame to ground	5.6
H152	Exhaust system to ground	4.9
H153	Rear axle to ground	6.9
H154	Fuel tank to ground	6.6
H155	Tire well to ground	--
H156	Minimum ground clearance	4.9 (H152)

*With Impact Strips

L103 - 211.4

L104 - 44.1

L105 - 51.3

VEHICLE WEIGHTS

MONTE CARLO

MODEL SYMBOL V-8	VEHICLE TYPE Description	SHIPPING WEIGHT			CURB WEIGHT		
		Front	Rear	Total	Front	Rear	Total
1AH57	2-Door Sport Coupe	2106	1607	3713	2085	1738	3823

SHIPPING WEIGHT: Weight of basic vehicle with regular equipment, including grease, oil and (4) gallons of gasoline, and engine coolant to capacity.

CURB WEIGHT: Shipping weight plus gasoline to capacity.

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

OPTIONAL EQUIPMENT

RPO	OPTION	WITH	WEIGHT
C60	Air Conditioning		+102
AU3	Electric Door Locks		+ 8
A31	Power Windows		+ 23
A42	Power Seat		+ 19
B37	Front & Rear Floor Mats		+ 11
CA1	Electric - Sun Roof		+ 35
C08	Vinyl Roof Cover		+ 7
CB1	Landau Roof Cover		+ 5
Z17	Spec Whl, Hub Cap & Tr. Rg.		+ 20
AN7	Bucket Seat - Swivel		+ 12
D55	Console	Used with 4-Speed Transmission	+ 9
		Used with Automatic Transmission	+ 17
U63	Radio AM Pushbutton		+ 8
U69	Radio AM/FM Pushbutton		+ 9
U79	Radio AM/FM Stereo		+ 18
UM1	Radio AM Pushbutton & Tape		+ 21
UM2	Radio AM/FM Pushbutton & Tape		+ 22
--	350 Cu.In. V-8 Engine	Turbo Hydra-matic Transmission	+ 36
L48	350 Cu.In. V-8 Engine	Turbo Hydra-matic Transmission	+ 94
LS4	454 Cu.In. V-8 Engine	Turbo Hydra-matic Transmission	+118

BODY

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

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

1973 MONTE CARLO "SPECIAL A" INTERIOR - EXTERIOR COLOR COMBINATIONS

MODEL	INTERIOR TRIM								
	Seat Type	Black		Light Neutral		Dark Green		Dark Oxblood	Midnight Blue
		Knit Cloth	Vinyl	Cloth	Vinyl	Knit Cloth	Vinyl	Knit Cloth	Knit Cloth
Monte Carlo - 1AH00 Sport Coupe (57)	Bench	706		731		715		740	725
	Bucket	706	708		735	715	728	740	725
EXTERIOR COLOR	Color Code								
White C/O	11	X		X		X		X	X
Black C/O	19	X		X		X		X	X
Medium Blue Metallic	24	X		X					X
Bright Blue Metallic	26	X		X					X
Dark Blue Metallic	29	X		X					X
Dark Brt. Green Metallic	42	X		X		X			
Light Green Metallic	44	X		X		X			
Dark Green-Gold Metallic	46	X		X		X			
Dark Green	48	X		X		X			
Chamois	56	X		X		X			
Yellow Orange Metallic	60	X		X					
Silver Taupe Metallic	64	X		X		X		X	X
Taupe Metallic	66	X		X					
Brown Metallic	68	X		X					
Red Metallic	74	X		X				X	
Yellow-Beige	81	X		X		X			

NOTE: No Two Tones Available.

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

EXTERIOR-INTERIOR COLORS

EXTERIOR COLOR - VINYL ROOF COMBINATIONS

COLOR CODE	BODY LOWER PAINT COLOR	OPTIONAL VINYL ROOF COLOR						
		Black	White	Med. Green	Med. Blue	Light Neutral	Chamois	Maroon
11	White	X	X	X	X		X	X
19	Black	X	X			X	X	
24	Medium Blue Metallic	X	X		X			
26	Bright Blue Metallic	X	X					
29	Dark Blue Metallic	X	X		X			
42	Dark Bright Green Metallic	X	X					
44	Light Green Metallic	X	X	X				
46	Dark Green Gold Metallic	X	X			X		
48	Dark Green	X	X	X		X		
56	Chamois	X	X				X	
60	Yellow Orange Metallic	X	X			X		
64	Silver Taupe Metallic	X	X					X
66	Taupe Metallic	X	X			X	X	
68	Brown Metallic	X	X			X		
74	Red Metallic	X	X			X		X
81	Yellow Beige	X	X				X	

BODY CONSTRUCTION AND GLASS AREA

GENERAL

Type Unisteel, with cowl, roof, underbody and body panels welded to form body shell. Doors, front and rear lids are of double-panel construction and hinge assembled to body. Separate frame and bolt-on front end sheet metal, with protective inner plastic fender skirts. Side guard door beams. Air gap design windshield pillar molding. Contoured windshield header. Cargo guard luggage barrier. 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 cowl.
 Hood Release Internal, to left of steering column under instrument panel.

VENTILATION

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

SEAT CONSTRUCTION

Type
 Front seat cushion 2.00 polyfoam
 Rear seat cushion 1.75 polyfoam

WINDSHIELD WIPERS

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

SPARE TIRE MOUNT

Location Horizontal, front center of trunk floor. Tools consist of bumper jack with combination lever handle and wheel nut wrench stored under tire.

HEADLIGHTS

Type Single "Power Beam" units

BODY GLASS VISIBILITY AREA

Windshield	1276.6
Front Door Window	1283.0
Rear Quarter Window	146.1
Rear Window	902.3
Total Area (Sq. In.)	3608.0



CHASSIS

FRAME AND FRONT SUSPENSION	2-3
STEERING, DRIVELINE, WHEELS AND TIRES	4
REAR AXLE AND SUSPENSION	5
BRAKES	6
BULBS AND LAMPS	7
FUSES AND CIRCUIT BREAKERS	8

FRAME

Description All welded perimeter frame with front crossmember, rear axle upper control arm crossmember, and rear crossmember. Rear axle kickup box welded construction.
 Body Mountings 7 each side of frame - 12 double cushions and 2 single cushions.

FRONT SUSPENSION

Description Independent, SLA type with coil springs and concentric shock absorbers, and spherically jointed steering knuckles 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 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 1.00

FRONT WHEEL ALIGNMENT (Curb)

Camber (degrees) Left - $P1 \pm 1/2$; Right - $P1/2 \pm 1/2$
 Caster (degrees) $P4 - 3/4 \pm 1/2$
 Toe (Total) $1/16 \pm 1/16$
 Steering Axis Inclination $9.6^\circ @ 1^\circ$ 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 springs for the weight of the vehicle including optional equipment ordered by the customer.

FRONT SPRING SPECIFICATIONS

Part Number	Assy. Code	Cut-Off Length	Wire Dia.	Total Coils	Deflection Rate (lbs./inch)	Heights	
						Free	Working (In. @ Lbs.)
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
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

STEERING, DRIVELINE, WHEELS AND TIRES

STEERING

Wheel	
Type	Dual with center shroud
Diameter	15.25 x 14.75
Optional	Tilt; universally jointed steering shaft at base of steering wheel.
Column	Energy absorbing - mast jacket, shift tube and steering shaft designed to collapse under various front impact conditions.
Gear - Power (standard)	
Type	Integral, recirculating ball nut with hydraulic pressure provided from a vane type pump.
Ratios	
Gear	16.0:1 on center to 13.0:1
Overall	17.0:1 on center to 14.0:1
Number of turns, lock to lock	3.01
Turning Diameters (ft.)	
Outside front, wall to wall	42.88
Outside front, curb to curb	38.95
Outside wheel angle with inside wheel @ 20°	18.6

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, REGULAR PRODUCTION

Type	Short spoke spider
Size	15 x 7
Offset	0.30
Attachment to Hub	
Type	5 hex nuts
Thread size	7/16-20 UNF 2-B
Bolt circle diameter	4.75

TIRES, REGULAR PRODUCTION

Construction	Bias belted
Size	
G78 x 15B (except Custom option)	
Static loaded radius	12.7
Load rev/mi @ 45 mph	750
Capacity @ 24 psi	1380
GR70 x 15B Radial steel (Custom option)	
Static loaded radius	12.2
Loaded rev/mi @ 45 mph	760
Capacity @ 24 psi	1380

REAR AXLE AND SUSPENSION

REAR AXLE

Description Semi-floating axle shafts, housing consists of two welded tubes pressed and welded into crossbore of cast iron carrier. Carrier contains an overhung pinion hypoid drive and supported by two taper roller bearings.

Drive pinion vertical offset 1.50

Hypoid gear PD
2.73, 3.08, 3.42 8.50

Pinion bearing adjustment Shim

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

Viscosity SAE80

Capacity (pts) 4.25

AXLE SHAFT

Type Forged and hardened steel with integral drive flange

Wheel bearings Single row cylindrical roller, one per wheel

Oil Seal Steel encased spring loaded synthetic rubber

RING AND PINION GEAR TOOTH COMBINATIONS

2.73:1 ratio 41, 15

3.08 40, 13

3.42 41, 12

POSITRACTION DIFFERENTIAL (See Power Trains)

Type Two pinion with multiple disk clutch

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 8.67

Jounce 3.80

Rebound 4.87

Wheel to spring, travel ratio 0.98:1

SHOCK ABSORBERS

Type Direct, double-acting, hydraulic

Piston diameter 1.00

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	Assembly Code	Cut-Off Length	Wire Dia.	Total Coils	Deflection Rate (lbs. per inch)	HEIGHTS	
						Free	Working (In. @ lbs.)
485721	TF	110.8	.548	6.59	115	16.52	10 @ 750
485722	ZY	115.3	.555	6.82	115	16.96	10 @ 800
485737	ZZ	107.8	.572	6.41	140	15.36	10 @ 750
485738	WV	107.8	.572	6.41	140	15.71	10 @ 800

BRAKES

General	Type	Power assisted disc front and drum rear		
	System	Dual circuit hydraulic system with warning light 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	Compression molded asbestos composition		
	Method of attachment	Riveted		
	Lining size (length x width x thickness)	Inboard	5.40 x 1.93 x 0.46	
		Outboard	5.40 x 1.93 x 0.46	
	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		
	Lining material	Molded asbestos composition		
	Method of attachment	Riveted		
	Lining size (length x width x thickness)	Primary	7.60 x 2.0 x 0.23	
		Secondary	9.87 x 2.0 x 0.30	
	Lining area (sq. in.)	69.88		
	Effective area (sq. in.)	66.58		
	Swept area (sq. in.)	119.40		
Piston diameter	.875			
Apply System	Master cylinder diameter	1.125		
	Piston travel	1.46		
	Pedal travel	4.56		
	Pedal ratio	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 light provided.		
	Control	Pendulum foot pedal; released by "T" handle located on instrument panel left of steering wheel		
	Total effective area	66.58		

BULBS AND LAMPS

BULBS AND LAMPS	NUMBER REQUIRED AND TRADE NUMBER	CANDLE POWER PER LAMP
Automatic transmission position pattern	Floor console 1-1895	2
Back-up	2-1156	32
Brake warning - alarm	1-168	3
Courtesy - Instrument panel	2-631	6
Directional signal indicators	2-168	3
Dome	1-211	12
Generator indicator	1-168	3
Glove compartment	1-1895	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		
Park		2
Turn	2-1157 NA	24
Radio dial RPO U63 and/or U69	1-1816	3
Radio dial and indicator RPO U58	1-1816 (dial) 1-66 (indicator)	3-dial 1-indicator
Radio dial and indicator RPO UM1 and/or UM2	1-564 (dial) 1-66 (indicator)	2-dial 1-indicator
Seat belt warning	1-168	3
Side Marker - Front	2-194	2
Side marker - Rear	2-194	2
Tail		
Tail		3
Stop and turn	2-1157	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
	25 amp fuse	Fuse panel (g)
Auto. trans. position pattern lamp	4 amp fuse	Fuse panel (c)
Back-up lamps	20 amp fuse	Fuse panel (d)
Cigarette lighter	25 amp fuse	Fuse panel (b)
Clock	25 amp fuse	Fuse panel (b)
Clock lamp (with tachometer option)	4 amp fuse	Fuse panel (c)
Courtesy lamps	25 amp fuse	Fuse panel (b)
Defogging unit	20 amp fuse	Fuse panel (d)
Direction signal indicator lamps	20 amp fuse	Fuse panel (d)
Direction signal indicator	20 amp fuse	Fuse panel (d)
Dome lamp	25 amp fuse	Fuse panel (b)
Fuel gage	10 amp fuse	Fuse panel (d)
Generator indicator lamp	20 amp fuse	Fuse panel (d)
Glove compartment lamp	25 amp fuse	Fuse panel (b)
Headlamps	Circuit breaker	Light switch
Headlamps hi-beam indicator lamp	Circuit breaker	Light switch
Heater	25 amp fuse	Fuse panel (g)
Heater controls lamp	4 amp fuse	Fuse panel (c)
Instrument cluster lamps	4 amp fuse	Fuse panel (c)
License plate lamp, rear	20 amp fuse	Fuse panel (b)
Luggage compartment lamp	20 amp fuse	Fuse panel (b)
Oil pressure indicator lamp	10 amp fuse	Fuse panel (d)
Brake indicator lamp	10 amp fuse	Fuse panel (d)
Parking lamps	20 amp fuse	Fuse panel
Power seats	30 amp CB	Firewall
Power windows	30 amp CB	Firewall
Radio	20 amp fuse	Fuse panel (e)
Radio lamp	4 amp fuse	Fuse panel (c)
Reversing relay switch	20 amp fuse	Fuse panel (d)
Seat belt warning lamp	10 amp fuse	Fuse panel
Side Marker lamp - Front	20 amp fuse	Fuse panel
Side Marker lamp - Rear	20 amp fuse	Fuse panel
Speed cruise control	20 amp fuse	Fuse panel (d)
Tachometer	10 amp fuse	Fuse panel (d)
Tail, stop and turn lamps	20 amp fuse	Fuse panel (b)
Temperature indicator lamp	10 amp fuse	Fuse panel (d)
Traffic hazard indicator	20 amp fuse	Fuse panel (b)
Trans. position lamp - console	4 amp fuse	Fuse panel (c)
Underhood lamp	15 amp fuse	In line
Windshield washer light switch	4 amp fuse	Fuse panel (c)
Windshield wiper, two-speed	25 amp fuse	Fuse panel (f)

* Letter suffix indicates same circuit

POWER TRAINS

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POWER TEAM COMBINATIONS

ENGINE	TRANSMISSION	MODEL APPLICATION	AXLE RATIOS*			RING GEAR
			STAND.	PERF.	TRAILER	
Turbo-Fire 350 350 Cubic Inch V-8 Standard	3-Speed (2.54:1 low)	Sport Coupe	3.08:1			8.50
	Turbo Hydra-matic		2.73:1	3.08:1	3.42:1	
Turbo-Fire 350 350 Cubic Inch V-8 RPO L48	Turbo Hydra-matic	Sport Coupe	2.73:1		3.42:1	8.50
Turbo-Jet 454 454 Cubic Inch V-8 RPO LS4	Turbo Hydra-matic	Sport Coupe	2.73:1		3.42:1	8.50

MULTIPLICATION FACTORS

WITH MANUAL TRANSMISSIONS

ENGINE	CARBURETION	TRANSMISSION	TOTAL GEAR REDUCTION*					AXLE RATIO
			1st	2nd	3rd	4th	Rev	
350 Cu. In. V-8 Standard	2-Barrel	3-Speed	7.82	4.62	3.08		8.10	3.08

WITH AUTOMATIC TRANSMISSIONS

ENGINE	TRANSMISSION	SELECTOR POSITION	TOTAL TORQUE MULTIPLICATION*	AXLE RATIO
350 Cu. In. V-8 Standard	Turbo Hydra-matic	Drive	13.76:1 - 2.73:1	2.73:1
		Low	13.76:1 - 6.88:1	
		Second	13.76:1 - 4.15:1	
		Reverse	10.54:1 - 5.27:1	
350 Cu. In. V-8 RPO L48	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	
454 Cu. In. V-8 RPO LS4	Turbo Hydra-matic	Drive	14.22:1 - 2.73:1	2.73:1
		Low	14.22:1 - 6.78:1	
		Second	14.22:1 - 4.04:1	
		Reverse	11.93:1 - 5.56:1	

* Axle ratio x transmission ratio.

ENGINE DATA AND RATINGS

GENERAL DATA

Engine Type	V-8 OHV		
Piston Displacement (Cu.In.)	350		454
Availability	Standard	L48	L54
Number of Cylinders	Eight		
Bore (nominal)	4.00		4.251
Stroke (nominal)	3.48		4.00
Compression Ratio	8.5:1		8.25:1
Taxable (SAE) Horsepower	51.2		57.8
Firing Order	1-8-4-3-6-5-7-2		
Idling Speed	3-Speed Manual (in neutral)	900	
	Turbo Hydra-matic (in drive)		600
Comp. Press. (PSI) @ Cranking Speed, Engine Hot	150		160
Power Plant	Front	Two, preloaded captive cushion type	
Mountings	Rear	One, shear type	
Measurements	Fan to rear of engine block	31.55	33.97
	Top of air cleaner to bottom of oil pan	29.60	29.12
	Width - including air cleaner	28.53	33.31

ADVERTISED ENGINE RATING

Engine Designation	Turbo-Fire 350 V-8	Turbo-Fire 350 V-8	Turbo-Jet 454 V-8
Availability	Standard	RPO L48	RPO L55
Carburetor	Two Barrel	Four Barrel	Four Barrel
Net Brake HP @ RPM	145 @ 4000	175 @ 4000	245 @ 4000
Net Torque @ RPM (lb-ft)	255 @ 2400	260 @ 2800	375 @ 2800

ENGINE SPEED AND PISTON TRAVEL

TURBO-FIRE 350 V-8 ENGINE

Transmission	3-Speed	Turbo Hydra-matic
Rear Axle Ratio	3.08:1	2.73:1
Tire Size	G78 x 15B	
Crankshaft Revolutions per Mile	2310.0	2047.5
Crankshaft RPM @ 1 MPH	Low	97.8
	Second	57.7
	Third	38.5
	Reverse	101.3
Piston Travel (ft/mile)	1339.8	1187.6

TURBO-FIRE 350 V-8 ENGINE (RPO L48)

Transmission	Turbo Hydra-matic	
Rear Axle Ratio	2.73:1	
Tire Size	G78 x 15B	
Crankshaft Revolutions per Mile	2047.5	
Crankshaft RPM @ 1 MPH	Low	86.0
	Second	51.9
	Third	34.1 (direct)
	Reverse	65.9
Piston Travel (ft/mile)	1187.6	

TURBO-JET 454 V-8 ENGINE (RPO LS4)

Transmission	Turbo Hydra-matic	
Rear Axle Ratio	2.73	
Tire Size	G78 x 15B	
Crankshaft Revolutions per Mile	2047.5	
Crankshaft RPM @ 1 MPH	Low	84.6
	Second	50.5
	Third	34.1 (direct)
	Reverse	89.7
Piston Travel (ft/mile)	1365.0	

VEHICLE PERFORMANCE FACTORS

ENGINE	350 CU.IN. 145 HP	350 CU.IN. 175 HP	454 CU.IN. 245 HP
MODEL	1AH57	1AH57	1AH57

3-SPEED TRANSMISSION

Performance Weight (pounds)	4423		
Pounds per Net Horsepower	30.50		
Pounds per Cu.In. Displacement	13.64		
Net HP per Cu.In. Displacement	.414		
Power Displacement (cu.ft./mile)	233.94		
Displacement Factor (cu.ft./ton mile)	105.86		

TURBO HYDRA-MATIC

Performance Weight (pounds)	4459	4551	4706
Pounds per Net Horsepower	30.75	26.04	19.21
Pounds per Cu.In. Displacement	12.74	13.02	10.36
Net HP per Cu.In. Displacement	.414	.500	.540
Power Displacement (cu.ft./mile)	207.36	207.36	268.97
Displacement Factor (cu.ft./ton mile)	92.99	90.95	114.45

GLOSSARY

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

PRINCIPAL COMPONENTS

CYLINDER BLOCK

Material	Cast alloy iron
Bore diameter	
V8-350 Cu.In.	3.9995-4.0025
V8-454 Cu.In.	4.2496-4.2524
No. of Bulkheads	5
Water Jacket	Full length around each cylinder
Bearing Caps (Number, material and attachment)	
V8-350 Cu.In.	5, cast iron; 2-bolt
V8-454 Cu.In.	5, cast iron; 2-bolt
Bore Spacing (Centerline to Centerline)	
V8-350 Cu.In.	4.4
V8-454 Cu.In.	4.84

CYLINDER HEAD

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

COMBUSTION CHAMBER VOLUME

(Total chamber volume of assembled engine with piston at top center)

V8-350 Cu.In.	6.08 Cu.In.
V8-454 Cu.In.	8.15 Cu.In.

INLET MANIFOLD

Material	Cast alloy iron
Type	8 port, double deck

EXHAUST MANIFOLD

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

CRANKSHAFT

Material	
V8-350 Cu.In.	Cast nodular iron
V8-454 Cu.In.	Cast nodular iron
End Play	
V8-350 Cu.In.	.002-.006
V8-454 Cu.In.	.006-.010
Counter Weights	
V8	6
Crank Arm Length	
V8-350 Cu.In.	1.74
V8-454 Cu.In.	2.00
Torsional Damper	Rubber mounted inertia
Timing Gear	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. 5
Clearance	
V8-350 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

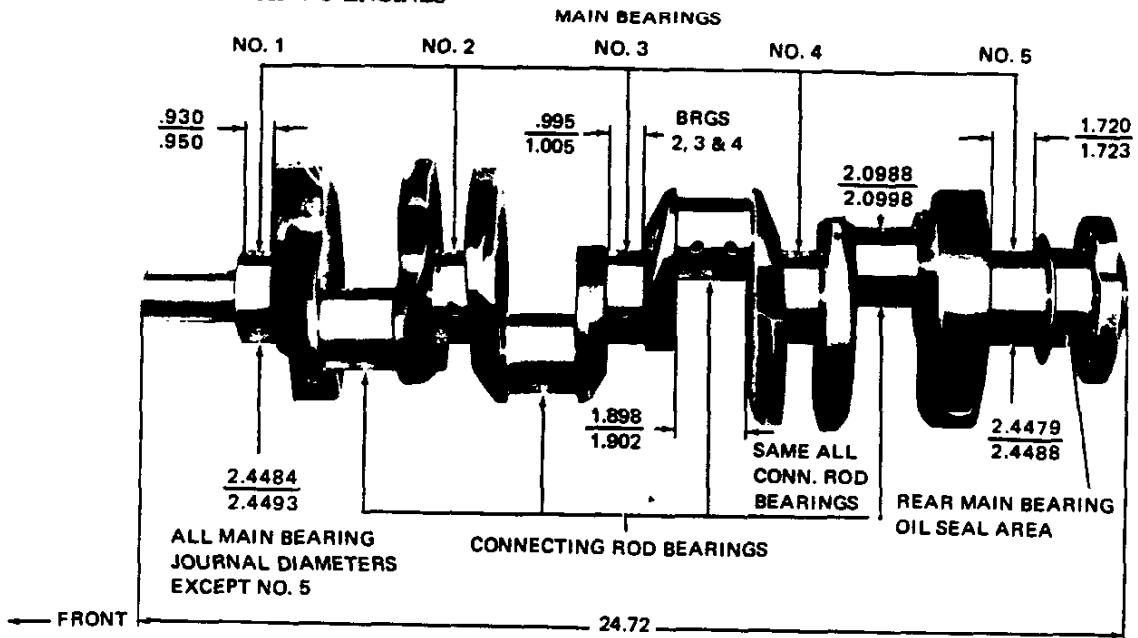
Dimensions

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

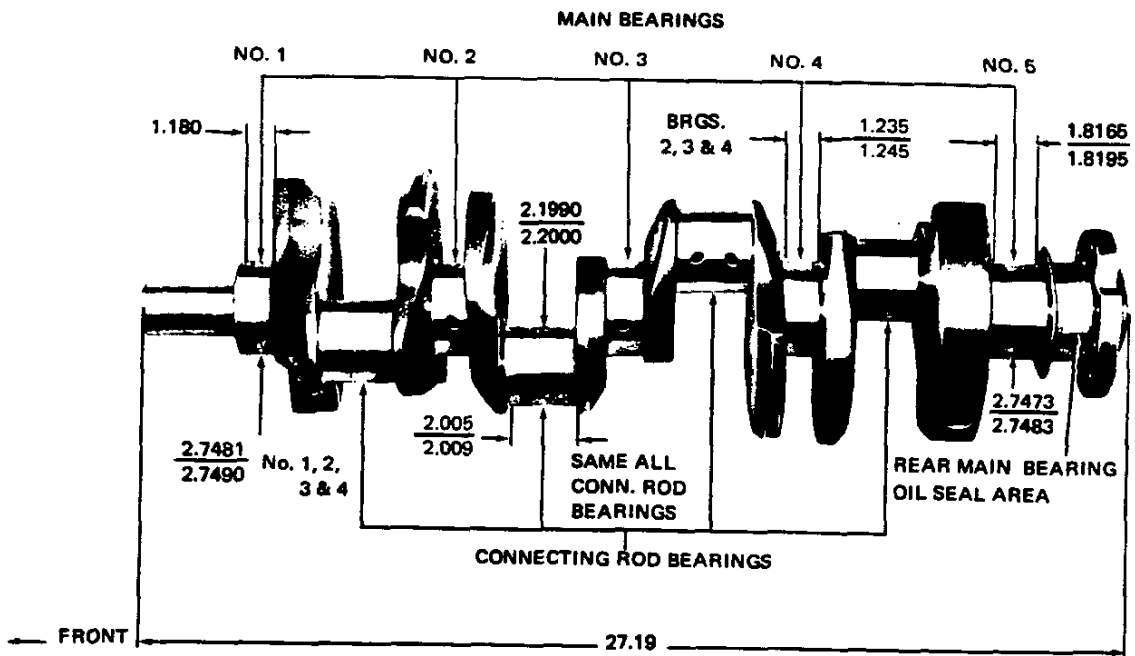
PRINCIPAL COMPONENTS

CRANKSHAFTS AND BEARINGS

350 CUBIC INCH V-8 ENGINES



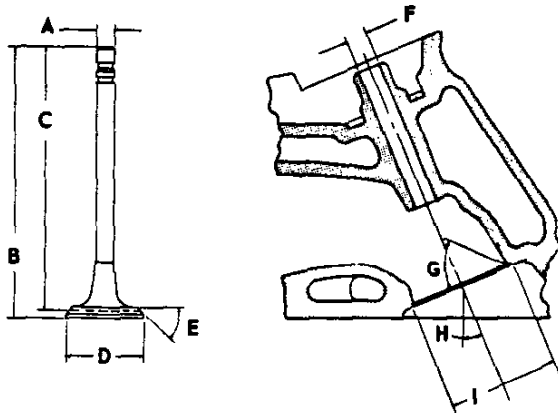
454 CUBIC INCH V-8 ENGINE



PRINCIPAL COMPONENTS

VALVES - INLET

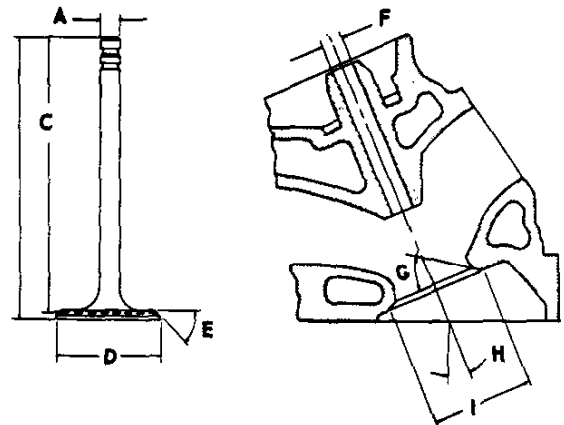
Material	Alloy steel
Coating	
V8-350 Cu.In.	None
V8-454 Cu.In.	Face & head aluminized
All Stems	Chrome flash
Valve Guide Inserts (454 Cu.In.)	Cast alloy iron



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

VALVES - EXHAUST

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



A - Stem Diameter	
V8-350 Cu.In.	.3410-.3417
V8-454 Cu.In.	.3713-.3720
B - Overall Length	
V8-350 Cu.In.	4.913-4.933
V8-454 Cu.In.	5.345-5.365
C - Gage Length	
V8-350 Cu.In.	4.781-4.791
V8-454 Cu.In.	5.235-5.245
D - Overall Head Diameter	
V8-350 Cu.In.	1.495-1.505
V8-454 Cu.In.	1.715-1.725
E - Angle of Face	45°
F - Guide Diameter	
V8-350 Cu.In.	.3427-.3437
V8-454 Cu.In.	.3732-.3742
G - Angle of seat	46°
H - Valve Angle	
V8-350 Cu.In.	23°
V8-454 Cu.In.	4°
I - Valve Seat Diameter	
V8-350 Cu.In.	1.321-1.327
V8-454 Cu.In.	1.583-1.589

PRINCIPAL COMPONENTS

VALVE TIMING (Crankshaft degrees - Excluding Ramps)

V8-350 Cu.In.

Inlet Valve (Zero lash)

Opens - BTC	28°
Closes - ABC	72°
Duration	280°

Exhaust Valve (Zero lash)

Opens - BBC	78°
Closes - ATC	30°
Duration	288°

V8-354 Cu.In. (LS4)

Inlet Valve (Zero lash)

Opens - BTC	55°
Closes - ABC	111°
Duration	346°

Exhaust Valve (Zero lash)

Opens - BBC	105°
Closes - ATC	63°
Duration	348°

VALVE LIFT

V8-350 Cu.In.	.3900 Inlet, .4100 Exhaust
V8-454 Cu.In.	.4400 Inlet, .4800 Exhaust

PISTONS

Material Cast aluminum alloy

Head Type

V8-350 Cu.In.	Sump head
V8-454 Cu.In.	Flathead, valve cutout

Skirt Type

	Slipper
--	---------

Top Land Clearance

V8-350 Cu.In.	.0235-.0325
V8-454 Cu.In.	.0350-.0410

Skirt Clearance

V8-350 Cu.In.	.0007-.0017
V8-454 Cu.In.	.0018-.0028

Compression Ring Groove Depth

V8-350 Cu.In.	.2218-.2884
V8-454 Cu.In.	.2350-.2410

Oil Ring Groove Depth

V8-350 Cu.In.	.2038-.2103
V8-454 Cu.In.	.2183-.2247

Pin Bore Offset

	.055-.065
--	-----------

Compression Height

V8-350 Cu.In.	1.558-1.562
V8-454 Cu.In.	1.641-1.649

PISTON PINS

Material Chromium steel

Length

V8-350 Cu.In.	2.990-2.010
V8-454 Cu.In.	2.930-2.950

Diameter

V8-350 Cu.In.	.9270-.9273
V8-454 Cu.In.	.9895-.9898

Clearance in Piston

V8-350 Cu.In.	.00015-.00025
V8-454 Cu.In.	.00040-.00050

Pin Mounting Locked in rod by shrink fit

PRINCIPAL COMPONENTS

COMPRESSION RINGS - UPPER

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

COMPRESSION RINGS - LOWER

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

OIL CONTROL RINGS

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

CONNECTING RODS

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

CONNECTING ROD BEARINGS

Material	Premium aluminum
Type	Precision removable
Clearance	
V8-350 Cu.In.	.0013-.0035
V8-454 Cu.In.	.0009-.0025
Theoretical I.D.	
V8-350 Cu.In.	2.1019
V8-454 Cu.In.	2.2012
Effective Length	
V8-350 Cu.In.	.797
V8-454 Cu.In.	.847
End Play	
V8-350 Cu.In.	.008-.014
V8-454 Cu.In.	.015-.023

EXHAUST AND VENTILATION SYSTEM

TYPE

V8-350 (base) Cu.In. Single with crossover pipes
 V8-350 (L48) Cu.In. Dual, no resonators
 V8-454 Cu.In. Dual with resonators

MUFFLERS

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

Head

V8-350 (base) Cu.In. . . .055 sheet steel, aluminized
 V8-350 (L48) &
 454 Cu.In.060 sheet steel, aluminized

Shell036 sheet steel, zinc coated

Wrap030 indented asbestos sheet

Cover018 sheet steel, aluminized

Baffles

V8-350 (base) Cu.In. No. 1 & 4-.048 zinc coated steel
 No. 2 & 3-.036 zinc coated steel

V8-350 (L48) & 454 Cu.In.
 No. 1 & 4-.048 zinc coated steel
 No. 2 & 3-.036 zinc coated steel

Length, Body 21.25

Width

V8-350 Cu.In. 10.50

V8-454 Cu.In. 11.00

Height

V8-350 Cu.In. 4.06

V8-454 Cu.In. 4.50

EXHAUST CROSSOVER PIPE

Dimensions (O.D.) &

Wall Thickness 2.00 x .082 laminated

EXHAUST PIPE

Dimensions (O.D. & Wall Thickness)

V8-350 (base) Cu.In. 2.25 x .079 laminated

V8-350 (L48) Cu.In. 2.00 x .082 laminated

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

PIPE MUFFLER TO RESONATOR (V8-454)

Dimensions (O.D. & Wall Thickness) 2.00 x .056

RESONATORS

Type Cylindrical, sheet steel aluminized

Dimensions (O.D. & Wall Thickness) 3.50 x .060

TAIL PIPES

Dimensions (O.D. & Wall Thickness) 2.00 x .056

EXHAUST EMISSION CONTROLS

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

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

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

Carburetor Hot Air System Meters and mixes heated air with incoming cold air to optimize fuel vaporization.

LUBRICATION SYSTEM

GENERAL

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

Oil Pressure Sending Unit

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

Oil Filler

Cap	Positive seal
Location	
V8-350 Cu.In.	Rearward of left rocker cover
V8-454 Cu.In.	Top center of right rocker cover

OIL PAN CAPACITIES (Quarts)

Refill	4
Refill with Filter Change	4.5

LUBRICANT GRADES AND TEMPERATURES

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

OIL PUMP

Type	Gear
Regulator Valve	Opens between 40-45 lbs
Oil Pressure (bench test, no flow conditions)	
V8-350 Cu.In.	40 PSI @ 2000 RPM
V8-454 Cu.In.	40 PSI @ 2000 RPM
Intake Type	Fixed pickup with screen
Capacity (GPM @ Engine RPM) (Theoretical)	
V8-350 Cu.In.	4.3 @ 2000
V8-454 Cu.In.	6.0 @ 2000

OIL FILTER

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

OIL PAN DRAIN PLUG

Type	Hex head
Location	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

OIL DIP STICK - LOCATION

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

COOLING SYSTEM

GENERAL

Type	Liquid, pressurized
Capacity with Heater (Standard Equipment)	
V8-350 Cu.In.	16 Qts.
●V8-454 Cu.In.	23 Qts.

RADIATOR

Make and Type	Harrison, tube and center
Core Constant	
Distance between Fins	
V8-350 (Base) Cu.In.	18 Syn. & Auto.
V8-350 (L48) Cu.In.	.18 Auto.
V8-454 Cu.In.	22 Auto.
Distance between Tubes	.55
Thickness of core	
V8-350 Cu.In.	1.26
V8-454 Cu.In.	1.98
Frontal Area (Sq.In.)	
V8-350 Cu.In.	480
V8-454 Cu.In.	480
Overflow	Separate coolant bottle

RADIATOR, HEAVY DUTY (RPO V01)

Core Constant	
Distance between Fins	
V8-350 Cu.In.	.16 Syn. & Auto.
V8-454 Cu.In.	.16 Syn & Auto.
Distance between Tubes	.55
Thickness of core	
V8-350 Cu.In.	1.96
V8-454 Cu.In.	1.96
Frontal Area (Sq.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)	.745 I.D.

RADIATOR HOSE

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

FAN

Number of Blades	
V8-350 Cu.In.	4
V8-454 Cu.In.	7
Diameter	
V8-350 Cu.In.	19.00
V8-454 Cu.In.	19.50

BELTS, CRANKSHAFT, FAN AND GENERATOR

Number Used	One
Angle of "V"	38°-42°
Pitch Line	
V8-350 Cu.In.	47.00
V8-454 Cu.In.	49.50
Width	.380

WATER PUMP

Type	Centrifugal
Capacity	
V8-350 Cu.In.	26 GPM @ 1900 Engine RPM
V8-454 Cu.In.	24.3 GPM @ 1900 Engine RPM
Bearing	Permanently lubricated double row ball
Drive	Fan belt
●Ratio (Pump to Engine RPM)	
V8-350 Cu.In.	.949:1
V8-454 Cu.In.	1.25:1

DRAIN LOCATIONS AND TYPE

Engine Block-Plug	
V8-350 Cu.In.	Right and left center
V8-454 Cu.In.	Left side-rear of block
	Right side - center of block

ELECTRICAL SYSTEM

SUPPLY SYSTEM

BATTERY

Voltage Rating	12
Cranking Power @ 0° F	
V8-350 Cu.In.	2900 watts
V8-454 Cu.In.	2900 watts
Heavy Duty (RPO T60)	3750 watts
Total Number of Plates	
V8-350 Cu.In.	66
V8-454 Cu.In.	66
Heavy Duty (RPO T60)	90
Number of Cells	6
Terminal Grounded	Negative
Location	Engine compartment; right side front

GENERATOR

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

DISTRIBUTORS	Transmission	350 Cu.In.		454 Cu.In.
		Standard	RPO L48	RPO LS4
Model	Manual	1112168		
	Automatic	1112168	1112094	1112113
Type		Single breaker		
Cam angle		29°-31°		28°-30°
Breaker gap		.019 (new)		
Breaker arm tension		19-23 oz.		28-32 oz.
●Centrifugal advance Begins @ RPM	Manual	675 - 1300		
	Automatic	675 - 1300	650 - 1600	900 - 1300
●Maximum degrees @ RPM	Manual	18-22 @ 4200		
	Automatic	18-22 @ 4200	12-16 @ 4200	16-20 @ 4200
●Vacuum advance begins @ In. Hg.	Manual	3.00-5.00		
	Automatic	3.00-5.00	5.00-7.00	5.00-7.00
●Maximum degrees @ In. Hg.	Manual	13-16 @ 6.5		
	Automatic	13-16 @ 6.5	14-17 @ 13.5	19-22 @ 15
Timing (initial design setting) Crankshaft degrees @ RPM with vacuum line disconnected	Manual	8°BTC @ 900		
	Automatic	8°BTC @ 600	12°BTC @ 600	10°BTC @ 600
Timing mark location		Torsional damper		

COIL

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

SPARK PLUGS

Type	
V8-350 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	
V8-350 Cu.In.	70-99
V8-454 Cu.In.	70-99
Volts	10.6
RPM	
V8-350 Cu.In.	7800-12000
V8-454 Cu.In.	7800-12000

Motor Drive

Engagement	Solenoid
Pinion Tooth No.	9
Flywheel Tooth No.	
V8-350 Cu.In.	153
V8-454 Cu.In.	168
Mounting	Bolted to cylinder block flange

CLUTCHES AND TRANSMISSIONS

CLUTCHES

Engine	Type - Cubic Inch	V8-350	
	Availability	Standard	
Clutch for		3-Speed	
Type		Single dry disc, semi-centrifugal	
Clutch cover & pressure plate	Eff. plate load, lbs.	2100-2300	
	Press. plate matl.	Nodular Iron	
	Clutch spring type	Diaphragm bent finger design	
	Clutch spring matl.	Heat treated spring steel	
Driven plate	Type	Single disc with two friction surfaces	
	Cushions	Flat spring steel between friction rings	
	Damper	10 Coil springs (5 sets of two)	
	Friction ring	OD	10.34
		ID	6.50
		Total area Sq. In.	101.54
Material		Premium grade woven asbestos	
Flywheel & Ring gear	Flywheel Material	Cast Iron	
	Ring gear Material	Nodular Iron	
	No. of teeth	168	
	PD	14.00	
Bearings	Release	Type	Single row ball
		Lubrication	None, prepacked
	Pilot	Type	Bronze bushing
		Lubrication	Sintered oil impregnated
Controls	Clutch fork	Drop forged steel, pivot mounted on ball	
	Pedal mounting	Pendant, from brace on dash	
	Lubrication	Crossover shaft	
Clutch housing material		Aluminum alloy	

3-SPEED TRANSMISSION

Transmission Type		3-Speed	
Engine	Type	V8-350	
	Availability	Standard	
Case Material		Cast iron	
Gear Shift	Type	Remote	
	Control	Lever	
	Location	Steering column	
Gears	Type	Helical	
	Material	Forged steel, hardened	
	Synchronization	All forward gears	
	Constant mesh gear	All gears	
	Sliding gears	None	
	Ratios	First	2.54
		Second	1.50
Third		1.00	
Reverse		2.63	
Lubricant	Type	Meeting Military Specifications MIL-L-2105B	
	Capacity (pts)	3	
Extension	Material	Cast iron	
	Oil seat	Steel encased seal of spring loaded silicone	

TRANSMISSIONS

TURBO HYDRA-MATIC TRANSMISSIONS

Engine	Displacement		V8-350	V8-454
General	Type		Automatic hydraulic torque converter with compound planetary gear system - three forward speeds and reverse.	
	Selector lever	Location	Steering column	
		Operation	Actuates controls by a hydraulic system from pressurized gear type pump	
		Quadrant pattern	P-R-N-D-L2-L1	
	Parking	Type	Locking pawl	
	Lock	Operation	Applied by selector lever through manual linkage	
	Method of cooling		Water	
	Flywheel assembly		Steel stamping with welded on ring gear	
	Oil pressure pump		Supplies hydraulic pressure from an engine driven gear type pump	
	Hydraulic System	Type		Steel spool
Manual		Establishes range at transmission operation		
Pressure regulator		Controls 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 that varies with torque to transmission		
Accumulator		To obtain greater flexibility in attaining desired shift curve for various engine requirements		
Pressure @ Idle (a)		Drive	55	70
		L2	80	150
		L1	80	150
		Reverse	84	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		2.10	
	Stall speed (RPM)		2110	
	Diameter (nominal)		11.75	12.20
Planetary Gear Set	Reaction carrier assembly		4 steel pinion gears	
	Output carrier assembly		4 steel pinion gears	
	Front band		Circular steel with organic lining	
	Rear band		Double wrap circular steel	
	Intermediate band		circular steel with organic lining	
	Range	D (Drive)	2.52:1 - 1.52:1 - 1.00:1	2.48:1 - 1.48:1 - 1.00:1
		L2 (Low two)	2.52:1 - 1.52:1	2.48:1 - 1.48:1
		L1 (Low one)	2.52:1	2.48:1
R (Reverse)		1.93:1	2.08:1	
Servo Unit		Piston with release spring and inner cushion spring		
Material		Aluminum		
Clutches	Type		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
	Direct clutch		4 each drive & driven plates	5 each drive & driven plates
	Intermediate clutch		2 each drive & driven plates	3 each drive & driven plates
	Low & Reverse clutch		4 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 when console is used quadrant changes to P - R - N - 3 - 2 - 1.

(b) 450 RPM input @ 25 in. Hg. vacuum.

MONTE CARLO

1973 MODELS WITH STANDARD EQUIPMENT

Prices shown are effective with vehicles manufactured on or after December 4, 1972

Description	Model Number	Body Ordering 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 Turbo-Fire 350-2 Engine—Engine Ordering Code L65										
Coupe—6-Passenger	1AH57	—	116"					3414.90	10	_____
S Coupe— 6-Passenger	1AH57	Z78	116"					3581.50	10	_____
Landau Coupe— 6-Passenger	1AH57	Z03	116"					3805.50	10	_____

★ Manufacturer's Suggested Retail Prices do not include applicable destination charges, state and local taxes, license fees, options or accessories
 ■ Available for registration in the State of California when California Emission Equipment is ordered.

OPTIONS AND ACCESSORIES WHEN INSTALLED BY CHEVROLET

Prices shown are effective with initial shipments

Description	Option Number	Dealer Invoice Amount*	Dealer Price	Factory D&H†	List Price	Mfr's Suggested Retail Price◇
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POWER TEAMS

(See Power Teams Chart for availability and complete engine specifications)

Engines:						
Turbo-Fire 350-4	L48					48.00
✓ Turbo-Jet 454-4. Available only when HD battery is ordered	LS4					209.00
Transmission: Turbo Hydra-matic.						
With Turbo-Fire 350-2 or 350-4 engine	M40					210.00
With Turbo-Jet 454-4 engine	M40					231.00
Axle, Positraction Rear	G80					45.00
Axle Ratios: *S* Coupe or Landau Coupe models only. Available only when Turbo Hydra-matic transmission is ordered.						
Performance. Available only when Turbo-Fire 350-2 engine is ordered.	Z09					12.00
Trailer. Available only when special suspension is ordered	YD1					12.00

POWER ASSISTS

Door Lock System, Power: Electric	AU3					45.00
Seats, Power: Electric. 6-way control. With bench seat only	A42					103.00
✓ Sky Roof: Sliding metal top. Electric.	CA1					325.00
Windows, Power: Electric.	A31					75.00

* 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.

◇ INDICATES CHANGE

MONTE CARLO

OPTIONS AND ACCESSORIES WHEN INSTALLED BY CHEVROLET

Prices shown are effective with initial shipments

Description	Option Number	Dealer Invoice Amount*	Dealer Price	Factory D&H†	List Price	Mfr's Suggested Retail Price◇
OTHER OPTIONS						
Air Conditioning: Four-Season. Includes 61-amp generator and increased cooling	C60					397.00
Battery, Heavy-Duty: 15-plate, 80-amp-hr	T60					15.00
Belts, Custom Deluxe Seat and Front Shoulder: Includes brushed metal buckles and color-keyed belts. (Standard plastic buckles and belts are black). REPLACING STANDARD NUMBER OF BELTS:						
With bench seat—6 seat and 2 front shoulder	AK1					14.00
With bucket seats—5 seat and 2 front shoulder	AK1					12.50
Bumper Equipment: Front and Rear. Bumpers, Deluxe. Available only when bumper guards are ordered. Includes black resilient impact strips	VE5					24.00
Guards, Bumper	V30					31.00
California Emission Equipment: Dealer Note —Items shown below, priced as options indicated, must be ordered for vehicles destined for registration in the State of California. This equipment should be ordered by indicating option YF5, California Emission Certification Requirements, on the order form. Based on presence of the YF5 option, the applicable options detailed below will be added to the order, at prices shown, to insure that the vehicle conforms to State of California Registration requirements.						
California Emission Certification Label	VJ9					N.C.
California Assembly Line Emission Test	YA7					15.00
Console: *S* Coupe or Landau Coupe models only. Available only when bucket seats and Turbo Hydra-matic transmission are ordered. Includes compartment. Shift lever is mounted on console	D55					57.00
Cooling Equipment: Radiator, Heavy-Duty.	V01					21.00
Defogger, Rear Window: (Forced-Air)	C50					31.00
Floor Covering: Mats, Color-Keyed Floor. 2 Front and 2 Rear	B37					12.00
Generator, 61-Amp Delcotron: Included when air conditioning is ordered	K76					26.00
Glass, Soft-Ray Tinted: All windows	A01					45.00
Instrumentation, Special: *S* Coupe or Landau Coupe models with Turbo Hydra-matic transmission only. Includes tachometer, ammeter and temperature gauges in instrument cluster	U14					67.00
Lighting, Auxiliary: Includes ashtray, courtesy, luggage compartment and underhood lights.						
Without sky roof. Also includes mirror map light	ZJ9					21.00
With sky roof	ZJ9					16.00
Mirrors:						
Rearview, LH Outside Remote-Control. Not available on Landau Coupe model or when sport mirrors are ordered	D33					12.00
Sport, LH remote-control and RH manual sport mirrors. Standard on Landau Coupe model	D35					26.00
Visor Vanity. Standard on Landau Coupe model	D34					3.00
Moldings:						
Body Side. Includes vinyl insert	B84					33.00
Door Edge Guard	B93					6.00

* 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.

MONTE CARLO

OPTIONS AND ACCESSORIES WHEN INSTALLED BY CHEVROLET

Prices shown are effective with initial shipments

Description	Option Number	Dealer Invoice Amount*	Dealer Price	Factory D&H [†]	List Price	Mfr's Suggested Retail Price◇
OTHER OPTIONS						
Paints, Exterior: <i>Solid</i>	N.C.	N.C.	N.C.	N.C.	N.C.
Radio Equipment: Pushbutton						
<i>AM Radio</i>	U83					65.00
<i>AM/FM Radio</i>	U89					135.00
<i>AM/FM/Stereo Radio</i>	U58					233.00
<i>Stereo Tape System with AM Radio</i>	UM1					195.00
<i>Stereo Tape System with AM/FM/Stereo Radio</i>	UM2					363.00
<i>Speaker, Rear Seat</i> . Not available when stereo is ordered.	U80					15.00
Roof Cover, Vinyl: Standard on Landau Coupe model. Landau Coupe model must reflect vinyl top color as shown on Interior and Exterior Color Selection Chart. Includes outline moldings. See Interior and Exterior Color Selection Chart for solid exterior color availability and ordering information						
	C08					123.00
Speed and Cruise Control: (Cruise-Master). *S* Coupe or Landau Coupe model only. Available only when Turbo Hydra-matic transmission is ordered						
	K30					62.00
Steering Wheel: <i>Comfortilt</i> . *S* Coupe or Landau Coupe models only. Available only when Turbo Hydra-matic transmission is ordered.						
	N33					44.00
Suspension Equipment:						
<i>Suspension, Special</i> . Front and Rear. Includes special front and rear springs and matching shock absorbers						
	F40					17.00
Trim, Interior: See Interior and Exterior Color Selection Chart for availability and ordering information.						
✓ <i>Vinyl Bench Seat</i>					18.00
<i>Strato-bucket Front Seats</i> . Swing-Out Type. Cloth or Vinyl	AN7					133.00
Wheel Trim:						
<i>Deluxe Wheel Covers</i> . Not available on Landau Coupe model.						
	PA3					15.00
<i>Turbine II Wheels</i> . Standard on Landau Coupe model. Includes styled wheels, special hub caps and trim rings.						
	PE2					98.00
<i>Rally Wheels</i> . *S* Coupe model only. Includes special 15" x 7" wheels with special center caps and trim rings						
	ZJ7					30.00
✓ <i>Wire Wheel Covers</i> . Not available on Landau Coupe model	N95					68.00

FACTORY INSTALLED REGULAR PRODUCTION TIRES

Replaces (5) G78-15/B Bias Belted Ply Blackwall (Coupe model only)						
(5) G78-15/B Bias Belted Ply White Stripes. Not available on *S* Coupe or Landau Coupe models.						
	QGT					32.00
Replaces (5) GR70-15/B Steel Belted Radial Ply Blackwall (S Coupe or Landau Coupe models only)						
(5) GR70-15/B Steel Belted Radial Ply White Stripes. *S* Coupe or Landau Coupe models only						
	QRM					32.00

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† 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.

✓ INDICATES CHANGE

MONTE CARLO POWER TEAMS

Engine, Transmission and Rear Axle Combinations

(Engine horsepower ratings are reflected at "net" horsepower)

ENGINES		TRANSMISSIONS	SHIFT LEVER LOCATION		REAR AXLE RATIOS*		
Option Number and Model Application	Description	Type (Std or Optional)	Without Console	With Optional Console	Std	Optional	
						Perf	Trailering

STANDARD ENGINE

■ Standard Eight-Cylinder Engine Ordering Code L65	145-hp Turbo-Fire 350-2 8-Cylinder 350-cu-in displacement 2-barrel carburetor 8.5:1 compression ratio Hydraulic valve lifters Single exhaust	3-Speed (Std)—MC3	Column	Not Available	3.08	—	—
		Turbo Hydra-matic—M40 Without Special Suspension	Column	In Console w/Floor Shift	2.73	3.08	—
		With Special Suspension	Column	In Console w/Floor Shift	2.73	3.08	3.42

OPTIONAL ENGINES

■ Option L48	175-hp Turbo-Fire 350-4 8-Cylinder 350-cu-in displacement 4-barrel carburetor 8.5:1 compression ratio Hydraulic valve lifters Dual exhausts	Turbo Hydra-matic—M40 Without Special Suspension	Column	In Console w/Floor Shift	2.73	—	—
		With Special Suspension	Column	In Console w/Floor Shift	2.73	—	3.42
■ Option LS4	245-hp Turbo-Jet 454-4 8-Cylinder 454-cu-in displacement 4-barrel carburetor 8.25:1 compression ratio Hydraulic valve lifters Dual exhausts	Turbo Hydra-matic—M40 Without Special Suspension	Column	In Console w/Floor Shift	2.73	—	—
		With Special Suspension	Column	In Console w/Floor Shift	2.73	—	3.42

* All ratios available as Positraction.

■ Available for registration in the State of California when California Emission Equipment is ordered.

MONTE CARLO INTERIOR AND EXTERIOR SELECTION 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 solid color exterior and interior trim 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, as combinations shown are the only combinations that have been approved.

PIN STRIPE COLOR Landau Coupe only	
Black—N/A Black, Midnight Blue or Midnight Green Exterior Paint	YF8
White—N/A White Exterior Paint	ZR8

VINYL ROOF	CODE	SOLID EXTERIOR COLOR AVAILABILITY
Black	BB	All Exterior Colors.
Blue (Medium)	DD	Blue or White Exterior Colors only.
Chamois	FF	Beige, Black, Chamois, Taupe or White Exterior Colors only.
Green (Medium)	GG	Light Green, Midnight Green or White Exterior Colors only.
Neutral (Light)	TT	Black, Brown, Copper, Green-Gold, Midnight Green, Red or Taupe Exterior Colors only.
Red (Dark)	HH	Red, Silver or White Exterior Colors only.
White	AA	All Exterior Colors.

Model	Seat Type	Black		Blue (Dark)	Green (Dark)		Neutral (Light)		Red (Dark)
		Cloth	Vinyl	Cloth	Cloth	Vinyl	Cloth	Vinyl	Cloth
✓ COUPE	Bench	706	708	725	715	728	731	735	740
	Bucket	706	708	725	715	728		735	740
EXTERIOR COLORS	COLOR CODE								
	Lower	Upper							
Beige	81	81	X		X		X		
Black, Tuxedo	19	19	X	X	X		X		X
Blue, Light (Metallic)	24	24	X	X			X		
Blue, Dark (Metallic)	26	26	X	X			X		
Blue, Midnight (Metallic)	29	29	X	X			X		
Brown, Dark (Metallic)	68	68	X				X		
Chamois	56	56	X		X		X		
Copper, Light (Metallic)	60	60	X				X		
Green-Gold (Metallic)	46	46	X		X		X		
Green, Light (Metallic)	44	44	X		X		X		
Green, Dark (Metallic)	42	42	X		X		X		
Green, Midnight	48	48	X		X		X		
Red, Dark (Metallic)	74	74	X				X		X
Silver (Metallic)	64	64	X	X	X		X		X
Taupe (Metallic)	66	66	X				X		
White, Antique	11	11	X	X	X		X		X

✓ Indicates Change

NOTES

Monte Carlo Landau

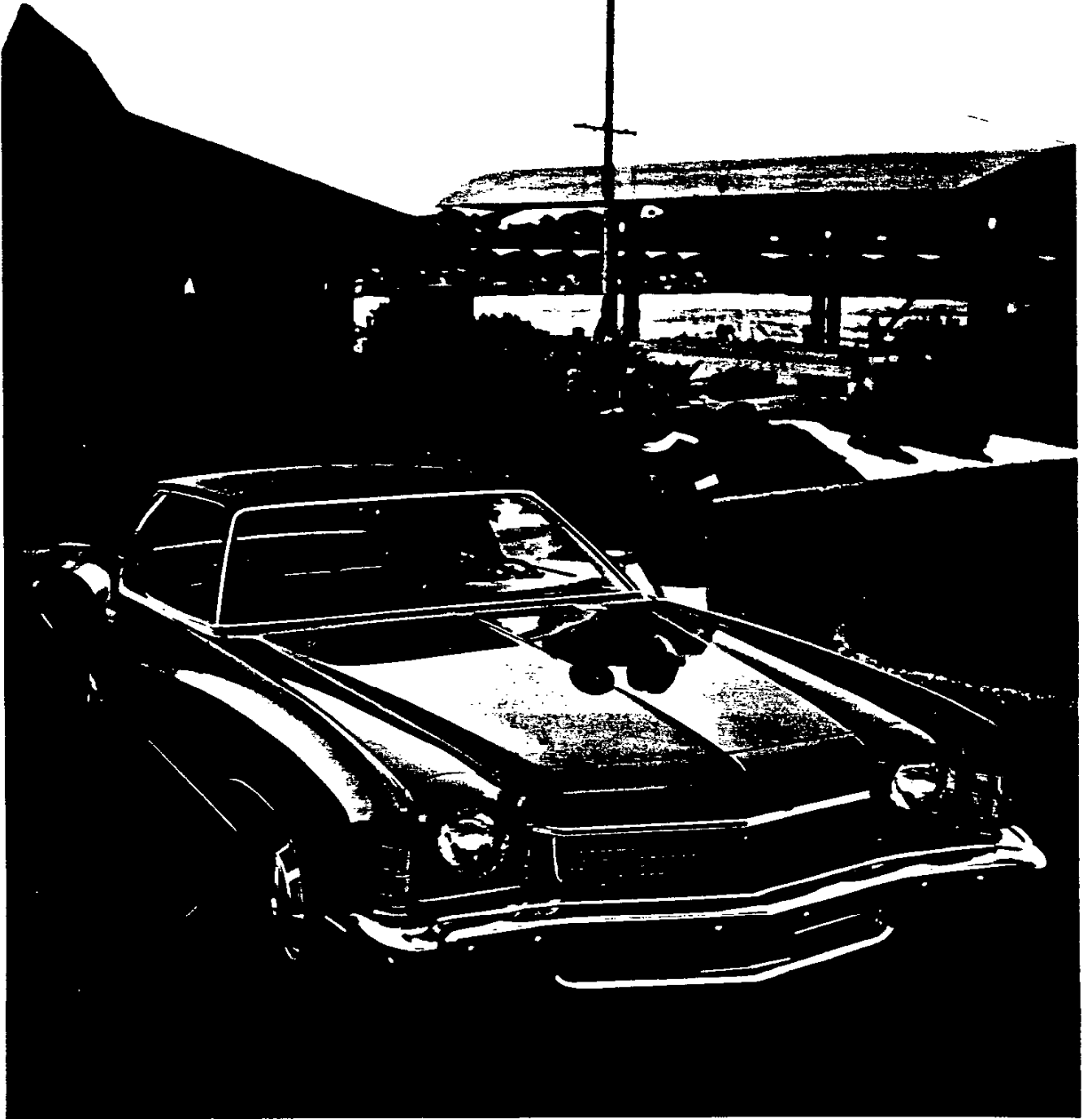




Monte Carlo S



Monte Carlo





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Monte Carlo Pattern Cloth & Vinyl Interior





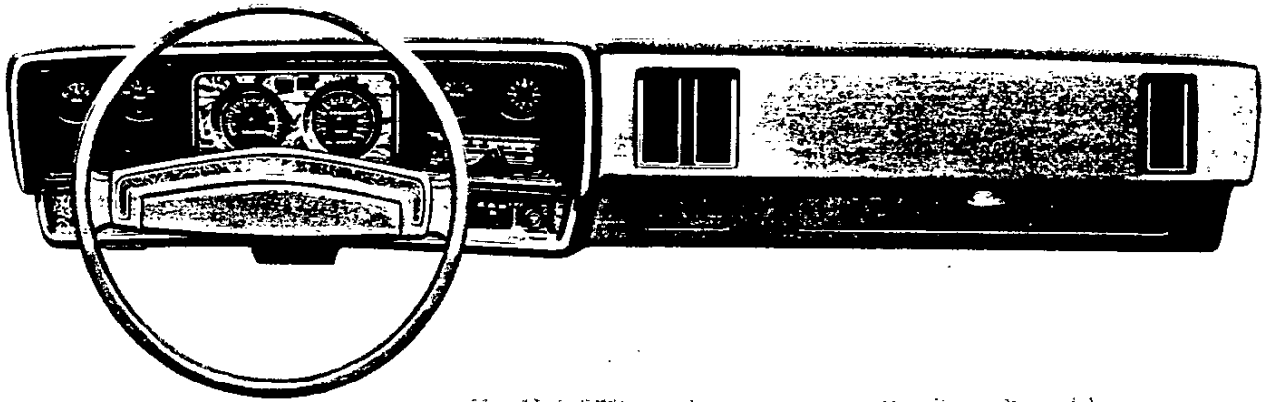
Monte Carlo All-Vinyl Interior *Swing-out Strato-bucket Seats (RPO AN7) illustrated.*



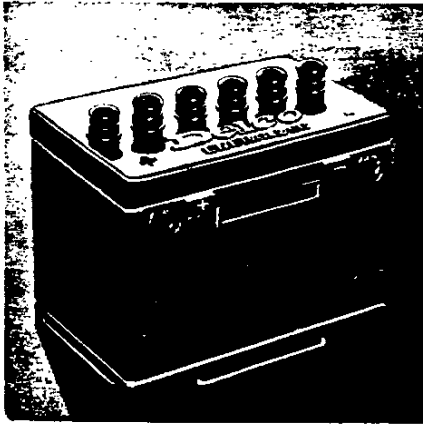
Monte Carlo Knit Cloth & Vinyl Interior



Major Features—Standard on 1973 Monte Carlos



Energy-absorbing padded instrument panel



Sealed side-terminal Energizer battery



Flow-through power ventilation system



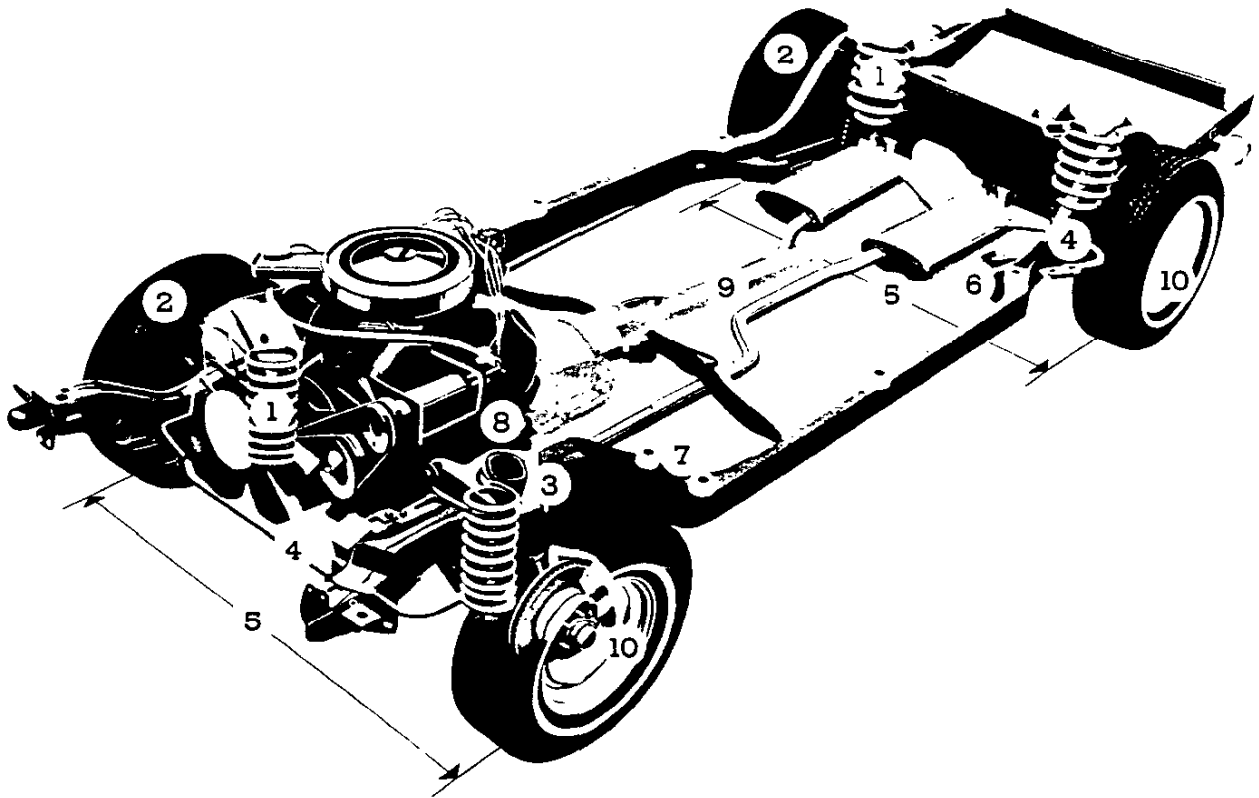
Power disc/drum brake system

- Completely new exterior styling
- Improved front bumper system with twin hydraulic cylinders
- Hide-A-Way windshield wipers
- Frameless full door-glass styling
- Curved side windows
- Thin-pillar windshield styling
- Hide-A-Way antenna built into windshield glass (with radio)
- Flow-through power ventilation system
- Soft rim steering wheel with cushioned center
- Foot-operated parking brake
- Molded full foam front and rear seat cushion and backrest
- Efficient valve-in-head engine
- Fuel evaporation control system
- Sealed side-terminal Energizer battery

- Quiet hydraulic valve lifters
- Automatic choke on all engines
- Advanced accessory drive system
- Positive-shift starter
- Long-life exhaust system
- Delcotron generator with built-in solid-state regulator
- Double-panel roof with acoustically engineered inner panel
- Flush-styled outside door handles
- Dual-speed electric windshield wipers
- 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
- Advanced Full Coil suspension system
- Power disc/drum brake system with ventilated front discs and finned rear drums
- Self-adjusting brakes
- Bias belted ply tires
- Separate perimeter-type frame
- Advanced body mounting system
- Variable-ratio power steering
- High-back shell-contour Strato-bucket seats (available at extra cost) introduce a new swing-out 90° pivot design
- Power-operated all-metal sliding Sky Roof available at extra cost





These important design features of Monte Carlo S and Monte Carlo Landau models contribute to outstanding ride quality and precise handling you find in much more expensive cars.

1. Advanced Full Coil suspension has softer rate computer-selected coil springs at each wheel, precisely engineered control arms and linkage, and suspension members that are rubber-insulated at strategic points to smooth out road shock.

2. Big GR70-15 steel belted radial ply tires contribute to sure handling, long tire life, excellent traction and braking, and exceptional smoothness at turnpike speeds.

3. Refined front suspension design gives extraordinary directional stability, improved steering feel,

better road contact during cornering and substantially helps soften road shock.

4. Ride stabilizers both front and rear result in an improved ride, flatter cornering and more responsive handling.

5. Wide-Stance Chassis has wider front and rear tread for a surer, steadier ride.

6. Precision-tuned and cushioned chassis components are important for a smoother, quieter ride.

7. Advanced body mounting system features separate body and frame with thicker contour-cushioned body

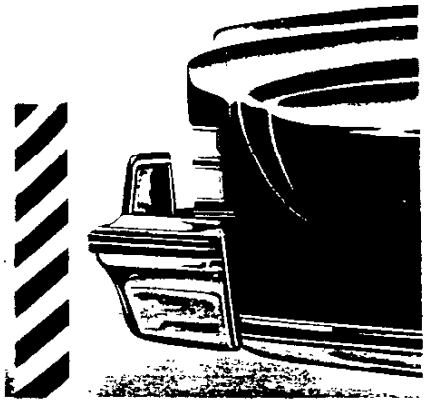
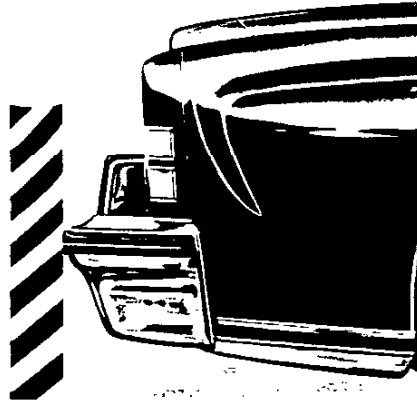
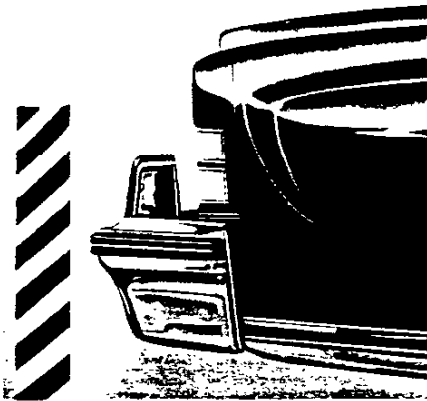
mounts plus scientifically located insulating cushions to help isolate road noise and vibration.

8. New captive cushion engine mounts with engines and transmissions cushioned at all mounting points effectively isolate power train impulses from body and frame.

9. Smooth, quiet drive line features refined design which reduces annoying noise and vibration.

10. Balanced wheels and tires are statically balanced at the factory for smooth, quiet operation and long tire life.

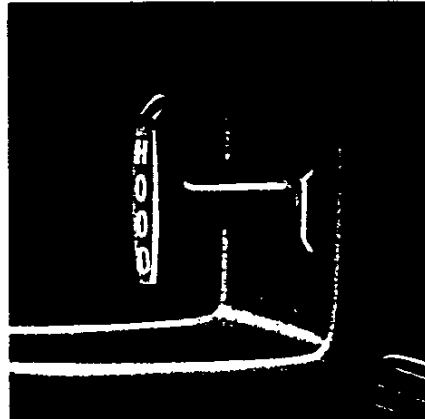
Monte Carlo Safety and Security Features



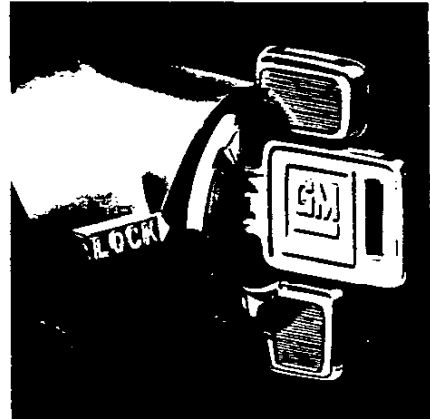
New improved front bumper system retracts on minor impact, hydraulically cushions the shock and rebounds



Single-buckle seat and shoulder belts



Inside hood latch release



Anti-theft steering column lock

Occupant Protection Features

- Seat belts with pushbutton buckles for all passenger positions
- Single-buckle seat and shoulder belts for driver and right front passenger with reminder light and buzzer
- Two front seat head restraints
- Energy-absorbing steering column
- Passenger-guard door locks with forward-mounted lock buttons
- Safety door latches and hinges
- Folding seat back latches
- Energy-absorbing padded instrument panel and front seat back tops
- 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 and console door latch impact security
- Smooth-contoured door and window regulator handles

- Soft, low-profile window control knobs, coat hooks, dome light
- Automatic locking seat belt retractors—front and rear outboard passengers.
- 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 direction signal)
- Parking lights that illuminate with headlights
- Four-way hazard warning flasher
- Back-up lights
- Lane-change feature in direction signal control
- Windshield defroster, washers 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 latch
- Improved bumper system
- 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, covers or caps
- Self-adjusting brakes
- Illumination of windshield wiper and washer, heater and defroster controls

Anti-Theft Features

- Anti-theft ignition key warning buzzer
- Anti-theft steering column lock
- Inside hood latch release
- Multiple key combinations
- Visible vehicle identification
- Tamper-resistant odometer with telltale feature

Monte Carlo Equipment Summary

Exterior

	Monte Carlo Landau	Monte Carlo S	Monte Carlo
Special Landau vinyl roof cover	S	NA	NA
Body-color rear window and rear belt moldings	S	NA	NA
Wheel opening moldings	S	S	S
Accent striping on front fenders	S	NA	NA
Full wheel covers	NA	S	S
Sport mirrors (LH remote control, RH manual)	S	EC	EC
Special body insulation	S	S	NA
Conventional vinyl roof cover	NA	EC	EC

Interior

Color-keyed steering wheel and column	S	S	S
Map pockets in front doors	S	S	S
Deep-twist carpet floor covering	S	S	S
Glove compartment light	S	S	S
Visor vanity mirror	S	EC	EC
Swing-out front bucket seats	EC	EC	EC
Console (with bucket seats only)	EC	EC	NA

Chassis

Rear ride stabilizer	S	S	NA
15 x 7 Rally wheels with special center caps and trim rings	NA	EC	NA
15 x 7 Turbine II wheels	S	EC	EC
Turbo-Fire 350-2 engine	S	S	S
Turbo Hydra-matic transmission	EC	EC	NA
Steel belted radial ply blackwall tires	S	S	NA

S—Standard
EC—Extra Cost
NA—Not Available

Monte Carlo Selected Options

Description	RPO Number	Landau Coupe	S Coupe	Coupe
Power Teams (See power teams chart on page 14)				
Power Assists				
Door lock system, power	AU3	X	X	X
Seat, power. 6-way control	A42	X	X	X
Sky Roof, sliding metal top. Available only when vinyl roof cover is ordered	CA1	NA	X	NA
Windows, power	A31	X	X	X
Other Options				
Air conditioning: Four-Season. Available only when coolant recovery system is ordered. Includes 63-amp generator and increased cooling	C60	X	X	X
Battery, heavy-duty—15-plate, 80-amp-hr	T60	X	X	X
Belts, Custom Deluxe seat and shoulder (replacing standard number of belts):				
With bench seat—6 seat and 2 front shoulder	AK1	X	X	X
With bucket seats—5 seat and 2 front shoulder	AK1	X	X	X
Bumper equipment—front and rear:				
Deluxe bumpers. Available only when bumper guards are ordered. Includes black resilient impact strips	VE5	X	X	X
Guards, bumper	V30	X	X	X
California assembly line emission test	YF5	X	X	X
Console. Available only when bucket seats and optional transmission are ordered. Includes compartment. Shift lever is mounted on console	D55	X	X	NA
Cooling equipment:				
Coolant recovery system	VQ1	X	X	X
Radiator, heavy-duty. Available only when coolant recovery system is ordered.	V01	X	X	X
Defogger, rear window (forced-air)	C50	X	X	X
Floor covering:				
Mats, color-keyed floor. 2 front and 2 rear	B37	X	X	X
Generator, 63-amp Delcotron. Included when air conditioning is ordered	K85	X	X	X
Glass, Soft-Ray tinted—all windows	A01	X	X	X
Instrumentation, special. With automatic transmission only. Includes tachometer, ammeter and temperature gauge in instrument cluster	U14	X	X	NA
Lighting, auxiliary includes:	Z19	X	X	X
Ashtray light		X	X	X
Courtesy light		X	X	X
Luggage compartment light		X	X	X
Mirror map light (without power sliding roof)		X	X	X
Underhood light		X	X	X

NA—Not Available

Other Options (continued)

Description	RPO Number	Landau Coupe	S Coupe	Coupe
Mirrors:				
Rearview, LH outside remote-control. Not available when sport mirrors are ordered	D33	NA	×	×
Sport. LH remote-control and RH manual sport mirrors	D35	Std.	×	×
Visor vanity	D34	Std.	×	×
Moldings				
Body side. Includes vinyl insert	B84	×	×	×
Door edge guard	B93	×	×	×
Roof cover, vinyl (see color chart on page 16)	CO8	Std.	×	×
Radio equipment (all radios include windshield antenna):				
AM radio	U63	×	×	×
AM/FM radio	U69	×	×	×
AM/FM/stereo radio	U58	×	×	×
Stereo tape system with AM radio	UM1	×	×	×
Stereo tape system with AM/FM/stereo radio	UM2	×	×	×
Speaker, rear seat. Not available when stereo is ordered	U80	×	×	×
Seats, front—Strato-bucket, swing-out type	AN7	×	×	×
Speed and cruise control—Cruise-Master. Available only when automatic transmission is ordered	K30	×	×	NA
Steering wheel—Comfortilt. Available only when automatic transmission is ordered	N33	×	×	NA
Trim, interior (see color and trim chart on page 16)				
Wheel trim:				
Deluxe wheel covers	PA3	NA	×	×
Turbine II wheels. Not available when rally wheels are ordered. Includes styled wheels, special hub caps and trim rings	PE2	Std.	×	×
Rally wheels. Not available when Turbine II wheels are ordered. Includes special 15" x 7" with special center caps and trim rings	ZI7	NA	×	×
Wire wheel covers. Not available when Turbine II or rally wheels are ordered	N95	NA	×	×

Factory Installed Regular Production Tires

Replaces (5) GR70-15/B steel belted radial ply blackwall (5) GR70-15/B steel belted radial ply white stripe	ORM	×	×	NA
--	-----	---	---	----

NA—Not Available

Monte Carlo Power Teams

Transmissions and rear axle ratios (:1)

Engines	Ordering Code	3-Speed std. (2.54:1 low)	Turbo Hydra-matic (RPO M40)		
			Std.	Performance (RPO ZQ9)	Trailing (RPO YDI)
Turbo-Fire 350-2	L65	3.08	2.73	3.08	3.42*
Turbo-Fire 350-4	L48	—	2.73	—	3.42*
Turbo-Jet 454-4	LS4	—	2.73	—	3.42*

Note: Positraction rear axle (RPO G80) available in all axle ratios. *Available only when special suspension and HD radiator are ordered.

Engine Specifications

Engine	Turbo-Fire 350-2	Turbo-Fire 350-4	Turbo-Jet 454-4
Type	V8	V8	V8
Displacement (cu. in.)	350	350	454
Bore x Stroke (in.)	4.00 x 3.48	4.00 x 3.48	4.25 x 4.00
HP @ RPM	145 @ 4000	175 @ 4000	245 @ 4000
Torque @ RPM	255 @ 2400	260 @ 2800	375 @ 2800
Compression ratio	8.5:1	8.5:1	8.5:1
Carburetion	2-barrel	4-barrel	4-barrel
Exhaust system	single	dual	dual

Note: Horsepower and Torque ratings are SAE net as installed.

Equipment Included with Optional Engines

	Turbo-Fire 350-4	Turbo-Jet 454-4
Heavier front stabilizer bar		X
Ring gear—8.50" diameter	X	X
Dual exhaust	X	X
High-flow air cleaner		X

Transmissions

	Engine	Transmission gear ratios (:1)					Shift selector	
		1	2	3	4	R	Column	Console*
3-Speed Fully Synchronized (Standard)	Turbo-Fire 350-2	2.54	1.50	1.00		2.63	X	
Turbo Hydra-matic (RPO M40)	Turbo-Fire 350-2 Turbo-Fire 350-4	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
	Turbo-Jet 454-4	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

	Turbo-Fire 350-2
Clutch Type	semi-centrifugal bent-finger diaphragm spring with single dry disc
Disc facing material	woven asbestos
Disc facing outside diameter (in.)	10.34
Disc facing total area (sq. in.)	101.54
Spring effective plate load (lbs.)	2100-2300

Monte Carlo Specifications

Exterior Dimensions

	Coupe
Wheelbase	116.0
Length (overall)	210.5
Width (overall)	77.6
Height (loaded)	53.2
Front tread	61.9
Rear tread	61.1
Minimum ground clearance	4.7

Interior Roominess

Head room—front	37.6
Head room—rear	37.4
Leg room—front	42.3
Leg room—rear	33.1
Hip room—front	56.0
Hip room—rear	52.9
Shoulder room—front	58.8
Shoulder room—rear	57.1
Front entrance height	29.5

Luggage Compartment

Maximum opening width	48.5
Loading height	25.7
Interior length (max.)	49.0
Interior width (max.)	72.0
Interior height (max.)	18.0
Usable luggage space (cu. ft.)	14.7

Glass Area

Windshield glass area (sq. in.)	1276.6
Rear window glass area (sq. in.)	902.3
Total glass area (sq. in.)	3608.0

Steering & Tires

Turning circle—curb-to-curb (ft.)	39.0
Turning circle—wall-to-wall (ft.)	42.9
Steering ratio—power (overall)	16:1 to 13:1
Standard tire size	G78-15

Fuel Capacity & Weight

Rated fuel tank capacity (gallons)	22
Curb weight—(lbs.)	3823
Shipping weight—(lbs.)	3713

Monte Carlo Color & Trim

Interior Trim

	Black		Blue (Dark)	Green (Dark)		Neutral (Light)		Red (Dark)
	Cloth	Vinyl	Cloth	Cloth	Vinyl	Cloth	Vinyl	Cloth
Coupe bench seat	706		725	715		731		740
Coupe bucket seat (RPO AN7)	706	708	725	715	728		735	740

Exterior Colors

	Code						
Beige	81	X		X	X		
Black, Tuxedo	19	X	X	X	X		X
Blue, Light (Metallic)	24	X	X		X		
Blue, Dark (Metallic)	26	X	X		X		
Blue, Midnight (Metallic)	29	X	X		X		
Brown, Dark (Metallic)	68	X			X		
Chamois	56	X		X	X		
Copper, Light (Metallic)	60	X			X		
Green-Gold (Metallic)	46	X		X	X		
Green, Light (Metallic)	44	X		X	X		
Green, Dark (Metallic)	42	X		X	X		
Green, Midnight	48	X		X	X		
Red, Dark (Metallic)	74	X			X		X
Silver (Metallic)	64	X	X	X	X		X
Taupe (Metallic)	66	X			X		
White, Antique	11	X	X	X	X		X

PIN STRIPE COLOR (Landau Coupe only)

Black (RPO YF8) available with all colors except Black, Midnight Blue or Midnight Green
 White (RPO ZR8) available with all colors except Antique White

Vinyl Roof Cover Color Choices (RPO C08)*

Vinyl roof color	Code	Exterior color availability
Black	BB	all exterior colors
Blue (Medium)	DD	Light Blue, Midnight Blue or Antique White
Chamois	FF	Beige, Black, Chamois, Taupe or Antique White
Red (Dark)	HH	Red, Silver or Antique White
Neutral (Light)	TT	Black, Brown, Copper, Green-Gold, Midnight Green, Red or Taupe
Green (Medium)	GG	Light Green, Midnight Green or Antique White
White	AA	all exterior colors

*Standard on Landau Coupe. Includes outline moldings.

1973 AMA SPECIFICATIONS FORM Passenger Car

MANUFACTURER Chevrolet Motor Division General Motors Corporation	CAR NAME MONTE CARLO	
MAILING ADDRESS Chevrolet Engineering Center 30003 Van Dyke Warren, Michigan 48090	MODEL YEAR 1973	ISSUED: September, 1972 REVISED (•)

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

AMA 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.

AMA Specifications Form—Passenger Car

MAKE OF CAR MONTE CARLO MODEL YEAR 1973 DATE ISSUED 9/72 REVISED (*)

BODY MODEL	Body Series, Type and Number. (Use mfr's. code for identification)	Number of Passengers (Indicate Front/Rear)	
<u>MONTE CARLO</u>	<u>Model</u>	<u>Front</u>	<u>Rear</u>
2-Door Sport Coupe	1AH57	3	3

MAKE OF CAR MONTE CARLO MODEL YEAR 1973 DATE ISSUED 9/72 REVISED (a)

CAR AND BODY DIMENSIONS

See Pages 27, 28 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.

MODEL	SAE Ref. No.	Sport Coupe
WIDTH		
Track - Front	W101	61.9
Track - Rear	W102	61.1
Maximum overall car width	W103	77.6
Body width at No. 2 pillar	W117	--
Max. front doors open	W120	166.4
Max. rear doors open	W121	--
LENGTH		
Body "O" to front of dash	L 30	-0.5
Wheelbase	L101	116.0
Overall car length	L103	210.4*
Overhang - front	L104	43.6*
Overhang - rear	L105	50.8*
Body upper structure length	L123	95.3
Body "C" line to ϵ of rear wheel	L127	93.5
Body "O" line to w/s cowl point	L130	8.8
HEIGHT		
Passenger Distribution (front & rear)		2-3
Tongue force lead (lbs.)		
Overall height	H101	52.7
Cowl height	H114	38.5
Deck height	H138	36.8
Rocker panel - To ground	H112	8.5
Rear - From front wheel ϵ		
Bottom of front door to ground	H133	9.0
Rocker panel - To ground	H111	8.0
Rear - From rear wheel ϵ		
Bottom of rear door to ground	H135	--
Windshield slope angle	H122	56.5
GROUND CLEARANCE		
Bumper to ground - front	H102	12.0
Bumper to ground - rear	H104	11.2
Angle of approach	H106	15°51'
Angle of departure	H107	13°18'
Ramp breakover angle	H147	9°58'
Rear axle differential to ground	H153	6.9
Min. running clearance (Specify)	H156	4.9 (a)

* With Impact Strips

L103 - 211.4

L104 - 44.1

L105 - 51.3

(a) Muffler to ground.

MAKE OF CAR MONTE CARLO MODEL YEAR 1973 DATE ISSUED 9/72 REVISED (*)

CAR AND BODY DIMENSIONS

See Pages 27, 29 for SAE Dimension Definitions

MODEL	SAE Ref. No.	
		Sport Coupe

FRONT COMPARTMENT

H Point to body "O" line	L31	42.3
Effective head room	H61	37.5
Max. eff. leg room - accelerator	L34	42.3
H Point to Heel point	H30	8.4
H Point travel	L17	5.2
Shoulder room	W 3	58.8
Hip room	W 5	56.0
Upper body opening to ground	H50	43.3

REAR COMPARTMENT

H Point couple distance	L50	31.0
Effective head room	H63	37.4
Min. effective leg room	L51	33.7
H Point to Heel point	H31	10.1
Min. knee room	L48	2.0
Rear Compartment room	L 3	25.3
Shoulder room	W 4	57.1
Hip room	W 6	52.9
Upper body opening to ground	H51	NA

LUGGAGE COMPARTMENT

Usable luggage capacity (cu. ft.)	V 1	14.7
Liftover height	H195	25.7
Position of spare tire storage		Centered in forward trunk area
Method of holding lid open		Boxed hinges with torsion rod

STATION WAGON - THIRD SEAT

Shoulder Room	W85	
Hip room	W86	
Effective leg room	L86	
Effective head room	H86	
Seat facing direction		

STATION WAGON - CARGO SPACE

Cargo length at floor - front seat	L202	
Cargo length at belt - front seat	L204	
Cargo width - Wheelhouse	W201	
Opening width at belt	W204	
Maximum cargo height	H201	
Rear opening height	H202	
Cargo volume index (cu. ft.)	V2	
W4 X L204 X H201		
1728		

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TYPE OF CAR MONTE CARLO MODEL YEAR 1973 DATE ISSUED 9/72 REVISED (e)

POWER TEAMS

(Indicate whether standard or optional)

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

MODEL VARIATION	ENGINE					TRANSMISSION	AXLE RATIO ** (Std. first) (Indicate A/C ratio) #		
	Displ. cu. in.	Cyls.	Compr. Ratio	Net @ RPM			A	B	C
				BHP	Torque				
3-Door Sport Coupe	Turbo Fire 350 V8 (base)	One; 2-bbl	8.5:1	145 @ 4000	255 @ 2400	3-Spd. Manual (2.54 low) 3-Spd. Automatic*	3.08	--	--
	Turbo Fire 350 V8 (L48)*	One; 4-bbl	8.5:1	175 @ 4400	260 @ 2800	3-Spd. Automatic	2.73	3.42	--
	Turbo Jet 454 V8 (LS4)*	One; 4-bbl	8.25:1	245 @ 4000	375 @ 2800	3-Spd. Automatic	2.73	3.42	--
<p>* - Optional. ** - Position available optionally for all ratios. # - Same ratios available for A/C. A - Standard. B - Trailer option. C - Performance option.</p>									

AMA Specifications Form—Passenger Car

MAKE OF CAR MONTE CARLO MODEL YEAR 1973 DATE ISSUED 9/72 REVISED (•)

MODEL	Turbo-Fire 350		Turbo-Jet 454
	Standard	RPO L48	RPO LS4

ENGINE - GENERAL

Type, no. cyls., valve arr.	90° V-8 OHV	
Bore and stroke (nominal)	4.00 x 3.48	4.251 x 4.00
Piston displacement, cu. in.	350	454
Bore spacing (¢ to ¢)	4.40	4.84
No. system	L. Bank	1-3-5-7
(front to rear)	R. Bank	2-4-6-8
Firing Order	1-8-4-3-6-5-7-2	
Cylinder Head Material	Cast iron alloy	
Cylinder Block Material	Cast iron alloy	
Cyl. Sleeve-Wet, dry, none	None	
Number of mtg. points	Front	Two
	Rear	One
Engine installation angle	4°46'	
Taxable horsepower	Dia ² xNo. Cyl. 2.5	51.2
		57.8
Recommended fuel regular - premium	Regular (unleaded or low lead)	
Cylinder Head Volume (cc)	75.47	113.06
Head Gasket Thickness (Compressed)	.021	.028
Head Gasket Volume (cc)	4.58	7.10
Deck Clearance (minimum) (above or below block)	.025 (below)	.020 (below)
Minimum Combustion Chamber Volume (cc)	74.47	112.06

ENGINE - PISTONS

Material	Cast aluminum alloy		
Description and finish	Sump head; slipper skirt	Flat head; valve cutout	
Weight (piston only) oz.	21.17	30.85	
Clearance (limits)	Top land	.0235 - .0325	
	Skirt	Top	.0350 - .0410
		Bottom	.0024 - .0034 (b)
Ring groove diameter	No. 1 ring	3.546 - 3.556	
	No. 2 ring	3.546 - 3.556	
	No. 3 ring	3.582 - 3.592	
	No. 4 ring	3.770 - 3.780	

(a) Measured 1.56 from top of piston

(b) Measured 1.69 from top of piston

AMA Specifications Form—Passenger Car

MAKE OF CAR MONTE CARLO MODEL YEAR 1973 DATE ISSUED 9/72 REVISED (a) _____

	V8-350	V8-454
Standard	L48	LS4

Engine - Piston Rings

Function (top to bottom)	No. 1 or comp.	Compression	
	No. 2 or comp.	Compression	
	No. 3 or comp.	Oil	
Compression	No. 4 oil or comp.	--	
	Description - upper	Cast iron alloy, bevel face (a)	
	Material: coating, etc. lower	Cast iron alloy, inside bevel; tapered face (b)	
	Width	Upper .0775-.0780; lower .0770-.0775	.0770-.0775
	Gap	Upper .010-.020; lower .013-.025	.010-.020
Oil	Description - material: coating, etc.	Multi-piece (2 rails and 1 spacer expander) Rails-steel. Chrome plated O.D.; expander-stainless steel	
	Width assembled	.1850-.1870	.1855-.1875
	Gap	.015-.055	
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, coating, etc.	Locked in rod	
	Bushing	None	
Clearance	In piston	.00015-.00025	.00030-.00040
	In rod	--	
Direction & amount offset in piston	Major thrust side .060		

Engine - Connecting Rods

Material:	Drop forged steel		
Weight (oz)	20.80	27.8	
Length (center to center)	5.695-5.705	6.130-6.140	
Bearing	Material & Type	Premium aluminum	
	Overall length	.797	.847
	Clearance (limits)	.0013-.0035	.0009-.0025
	End Play	.008-.014	.015-.023

(a) Chrome plate on V8-350; molybdenum inlay on V8-454.
 (b) Wear resistant coating.

AMA Specifications Form—Passenger Car

MAKE OF CAR MONTE CARLO MODEL YEAR 1973 DATE ISSUED 9/72 REVISED (a)

MODEL	V8-350	V8-454
	Standard	L48 LS4

ENGINE - CRANKSHAFT

Material		Cast nodular iron		
Vibration damper type		Rubber mounted inertia		
End thrust taken by bearing (No.)		5		
Crankshaft end play		.002 - .006	.006 - .010	
Main bearing	Material & type		Premium aluminum	
	Clearance		(a)	
	Journal dia. and bearing overall length	No. 1	2.4502 x .752	2.7492 x .992
		No. 2	2.4502 x .752	2.7504 x .992
		No. 3	2.4502 x .752	2.7504 x .992
		No. 4	2.4502 x .752	2.7504 x .992
		No. 5	2.4508 x 1.180	2.7499 x 1.256
		No. 6	None	
		No. 7	None	
	Dir. & amt. cyl. offset		None	
No. bolts/main brg. cap		10 & 5	10 & 5	
Crankpin journal diameter		2.099 - 2.100	2.199 - 2.200	

ENGINE - CAMSHAFT

Location		In block above crankshaft		
Material		Cast alloy iron		
Bearings	Material	Steel backed babbitt		
	Number	5		
Type of Drive	Gear or chain		Chain	
	Crankshaft gear or sprocket material		Steel sprocket	
	Camshaft gear or sprocket material		Nylon teeth with aluminum hub	
	Timing chain	No. of links	46	50
		Width	.740	.740
Pitch		.500	.500	

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

AMA Specifications Form—Passenger Car

MAKE OF CAR MONTE CARLO MODEL YEAR 1973 DATE ISSUED 9/72 REVISED (a)

MODEL		V8-350	V8-454	
		Standard	L48	
			LS4	
ENGINE—VALVE SYSTEM				
Hydraulic lifters (Std., opt., NA)		Standard		
Valve rotator, type (intake, exhaust)		Exhaust		
Rocker ratio		1.50:1	1.70:1	
Operating tappet clearance (indicate hot or cold)	Intake	Zero		
	Exhaust	Zero		
Timing (based on top of ramp points)	Intake	Opens (°BTC)	28°	55°
		Closes (°ABC)	72°	111°
		Duration (deg.)	280°	346°
	Exhaust	Opens (°BBC)	78°	105°
		Closes (°ATC)	30°	63°
		Duration (deg.)	288°	348°
Valve open overlap (deg.)		58°	118°	
Material		Alloy steel, aluminized face		
Overall length		4.870-4.889	5.215-5.235	
Actual overall head dia.		1.935-1.945	2.060-2.070	
Angle of seat & face (deg.)		46° (seat), 45° (face)		
Seat insert material		None		
Stem diameter		.3410-.3417	.3715-.3722	
Stem to guide clearance		.0010-.0027		
Intake	Lift (+ zero lash)		.3900	.4400
	Outer spring press. & length	Valve closed (lb./in.)	76-84 @ 1.70	74-86 @ 1.88
		Valve open (lb./in.)	194-206 @ 1.25	288-312 @ 1.38
	Inner spring press. & length	Valve closed (lb./in.)	Spring damper	
		Valve open (lb./in.)	Spring damper	
	Material		High alloy steel aluminized face (a)	
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	.3713-.3720	
Stem to guide clearance		.0010-.0027		
Exhaust	Lift (+ zero lash)		.4100	.4400
	Outer spring press. & length	Valve closed (lb./in.)	76-84 @ 1.61	74-86 @ 1.88
		Valve open (lb./in.)	194-206 @ 1.16	288-312 @ 1.38
	Inner spring press. & length	Valve closed (lb./in.)	Spring damper	
		Valve open (lb./in.)	Spring damper	

(a) Head also aluminized on V8-454.

AMA Specifications Form—Passenger Car

MAKE OF CAR MONTE CARLO MODEL YEAR 1973 DATE ISSUED 9/72 REVISED (•)

MODEL Standard | V8-350 | L48 | V8-454 | LS4

ENGINE - LUBRICATION SYSTEM

Type of lubrication (splash, pressure, nozzle)	Main bearings	Pressure
	Connecting rods	Pressure
	Piston rings	Splash
	Camshaft bearings	Pressure
	Tapets	Pressure
	Timing gear or chain	Centrifugally oiled from camshaft bearing
	Cylinder walls	Pressure jet cross sprayed
Oil pump type		Gear
Normal oil pressure (lb. engine rpm)		40 PSI @ 2000 RPM
Oil press. sending unit (elect. or mech.)		Electric
Type oil intake (flooding, stationary)		Stationary
Oil filter system (full flow, part., other)		Full flow
Filter replacement (element, complete)		Complete
Capacity of cruse, less filter-refill (qt.)		4
Oil grade recommended (SAE viscosity and temperature range)	20° and above - 20W, 10W-30, 10W-40, 20 W-40 0° to 60° F - 10W, 5W-30, 10W-40 Below 20° F - 5 W, 5W-20, 5 W-30	
Engine Service Reqm. (MM, MS, etc.)		SE

ENGINE - EXHAUST SYSTEM

Type (single, single with cross-over, dual, other)	Single with Crossover	Dual	Dual with Resonators
Muffler no. & type (reverse flow, straight thru, separate resonator)	One-reverse flow	2-mufflers	2-mufflers 2-resonators
Exhaust pipe dia. (O.D., wall thick)	Branch 2.00 x .082 (a) 2.25 x .079 (a)	None 2.00 x .082 (a)	2.00 x .056 (b) 2.25 x .082 (a)
Tail pipe dia. (O.D. & wall thickness)		2.00 x .056	

(a) Laminated

(b) Pipe-muffler to resonator

MAKE OF CAR MONTE CARLO MODEL YEAR 1973 DATE ISSUED 3/72 REVISED 00

MODEL Standard V8-350 L48 V8-454 LS4

ENGINE - FUEL SYSTEM		<i>(See supplemental page for Details of Fuel Injection, Supercharger, etc., if used)</i>	
Induction type:	Carburetor, fuel injection, supercharger	Carburetor	
Fuel Tank	Refill capacity (U.S. gallons)	22 approximately	
Fuel Tank	Filler location	Behind hinged rear license plate	
Fuel Pump	Type (elec. or mech.)	Mechanical	
Fuel Pump	Locations	Lower right front of engine	
Fuel Pump	Pressure range (psi)	7.50-9.00	
Vacuum booster (std., optional, none)		None	
Fuel Filter	Type	Fine mesh plastic strainer in gasoline tank	
Fuel Filter	Locations	and paper filter in carburetor inlet	
	Choke type	Automatic	
	Intake manifold heat control (exhaust or water)	Exhaust	
Carburetor	Air cleaner type	Standard	Thermostatically controlled; oil wetted paper element
		Optional	
Idle speed (spec. neutral or drive)	Manual	900	Not available
	Automatic		600
	Idle A/F mix.		Not specified

CARBURETOR SUPPLEMENTARY INFORMATION

Model Usage	Engine Displ.	Transmission	Carburetors		No. Used and Type	Barrel Size
			Make	Model		
2-Door Sport Coupe	350 145hp	Manual	Rochester	7043113 (7043413)	One; 2-bbl	1.69
		Automatic		7043114 (7043414)		
	Automatic	Rochester	7043202 (7043502)	One; 4-bbl	1.38 Prim. 2.25 Sec.	
	454	Automatic	Rochester	7043200 (7043500)	One; 4-bbl	1.38 Prim. 2.25 Sec.

* Shut off pressure - 1800 RPM at pump outlet

NOTE: Items bracketed () are used in engines required for California.

AMA Specifications Form—Passenger Car

MAKE OF CAR MONTE CARLO MODEL YEAR 1973 DATE ISSUED 9/72 REVISED (*)

MODEL	V8-350 Standard	L48	V8-454 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 ± 1PSI		
Circulation thermostat	Type (choke, bypass)	Choke		
	Starts to open at (°F)	192° - 198°		
Water pump	Type (centrifugal, other)	Centrifugal		
	GPM pump rpm	26.0 @ 1900	24.3 @ 1900	
	Number of pumps	One		
	Drive (V-belt, other)	V-belt		
Bearing type		Permanently lubricated double row ball		
By-pass recirculation type (inter., ext.)		Internal	External	
Radiator core type (cellular, tube and fin, other)		Tube and center		
Cooling system capacity	With heater (qt.)	18	25	
	Without heater (qt.)	17	24	
	Opt. equipment-specify (qt.)	18	25	
Water jackets full length of cyl. (yes, no)		Yes		
Water all around cylinder (yes, no)		Yes		
Radiator hose	Lower	Number and type (molded, straight)	One, molded	
		Inside diameter	1.75	
	Upper	Number and type (molded, straight)	One, molded	
		Inside diameter	1.50	
	By-pass	Number and type (molded, straight)	None	One, molded
		Inside diameter	None	.725 - .765
Fan	Number of blades & spacing		4-staggered	7-staggered
	Diameter		19.00	19.50
	Ratio fan to crankshaft rev.		.949:1	
	Fan cutout type		None	**
	Bearing type		Double row ball	
* Drive belts (indicate belt used by letter)	Fan		A	D
	Generator or alternator		A	D
	Water Pump		A	D
	Power Steering		B	E
	Air Conditioning		C	F
Air Injection		A	D	

*** Thermo-modulated clutch

* Drive Belt Dimensions	A	B	C	D	E	F	G	H	I	J	K
Angle of V	← 38° - 42° →										
Nominal length (SAE)	47.00	36.00	54.50	49.50	41.00	58.00					
Width	← .380 →										

AMA Specifications Form—Passenger Car

MAKE OF CAR MONTE CARLO MODEL YEAR 1973 DATE ISSUED 9/72 REVISED (•)

MODEL _____

VEHICLE EMISSION CONTROL

Exhaust Emission Control	Type (Air injection, engine modifications, other)		Air Injection*	
	Air Injection Pump	Type	Semi-articulated vane type	
		Displacement	19.3 cubic inch	
		Drive ratio	1.5:1	
		Drive type	Crankshaft pulley	
		Relief valve (type)	Poppet in diverter valve	
	Filter (describe)	Centrifugal air cleaner		
	Air Injection System	Air distribution (head, manifold, etc.)	Separate Manifold	
		Point of entry	Exhaust ports	
		Injection tube i.d.	.2565	
Check valve type		Pressure plate type		
Backfire protection (type)		Diverter valve		
Type (ventilates to atmos., induction system, other)		Standard	Induction system	
		Optional		
Crankcase Emission Control	Control Unit	Make and model	AC Spark Plug Division - 6484541	
		Location	Rocker cover - left front	
		Energy source (manifold vacuum, carburetor, other)	Manifold vacuum	
	Control method (variable orifice, fixed orifice, other)		Variable orifice	
	Complete system	Discharges (to intake manifold, other)		Intake manifold
		Air inlet (breather cap, other)		Carburetor air cleaner
		Flame arrestor (screen, other)		Screen
Evaporative Emission Control	Fuel Tank	Refill Capacity (U.S. gallons)	22 approximately	
		Thermal expansion volume (cu. ft.)	Approximately 10% of refill capacity	
		Pressure relief location (lbs.)	1.1 PSI	
		Vacuum relief location (lbs.)	.3 PSI	
		Vapor-liquid separator type	Vapor vent pipe	
	Vapor vented to (crankcase, canister, other)		Integral chamber with fuel tank	
	Carburetor	Vapor vented to (crankcase, canister, other)		No vents
		Storage provision (crankcase, canister, other)		Canister
	Vapor Storage	Volume (cu. ft.) or capacity (grams)		Approximately 50 grams storage capacity _w
		Control valve type		Vacuum controlled staged purge valve

AMA Specifications Form—Passenger Car

MAKE OF CAR MONTE CARLO MODEL YEAR 1973 DATE ISSUED 9/72 REVISED (e)

MODEL	V8-350	V8-454
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ELECTRICAL – SUPPLY SYSTEM

Battery	Make and Model	Delco-Remy 1980145	Delco-Remy 1980149	
	Voltage Rtg. & Total Plates	12 volts 66	12 volts 90	
	Cranking Power	2900 watts @ 0°F	3750 watts @ 0°F	
	Location	Right side of engine compartment		
	Terminal grounded	Negative		
Generator or Alternator	Make	Delco-Remy		
	Model	1100934		
	Type and rating	Diode rectified - 37 amps		
	Output at engine idle (neutral)	13 amps		
	Ratio-Gen. to Cr/s rev.	2.73:1	2.15:1	
Regulator	Make	Delco-Remy		
	Model			
	Type	Micro-circuit unit, integral with generator		
	Cutout relay	Closing voltage generator rpm	None	
		Reverse current to open	None	
	Regulated	Voltage	13.8 - 14.8 @ 85°F	
		Current	--	
	Voltage test conditions	Temperature	Operating	
Load		3-8 amperes		
	Other	None		

ELECTRICAL – STARTING SYSTEM

Starting Motor	Make	Delco-Remy		
	Model	1108430		
	Rotation (drive end view)	Clockwise		
Motor control	Switch (solenoid, manual)	Solenoid		
	Starting procedure	Manual-Place gearshift lever in neutral and depress clutch		
		Automatic-Place gearshift lever in N or P position		
		Initial Start-Press accelerator to floor & release. Turn ignition to START release as soon as engine starts.		
Motor Drive	Engagement type	Positive shift solenoid		
	Pinion meshes (front, rear)	Rear		
	Number of teeth	Pinion	9	
		Flywheel	Manual	168
	Auto.		168	
	Flywheel tooth face width	Manual	.4100 - .4220	
Auto.		.4100 - .4220		

MAKE OF CAR MONTE CARLO MODEL YEAR 1973 DATE ISSUED 9/72 REVISED (a)

MODEL	V8-350	V8-454
	Standard	L48 LS4

ELECTRICAL - IGNITION SYSTEM

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

ELECTRICAL - SUPPRESSION

Locations & type

Non metallic high tension ignition cables

ELECTRICAL - INSTRUMENTS AND EQUIPMENT

Speedometer	Type	Dial with pointer
	Trip odometer (std., opt., none)	N.A.
Charge indicator - type		Tell-tale
Temperature indicator - type		Tell-tale
Oil pressure indicator - type		Tell-tale
Fuel indicator - type		Electric gage
Windshield wiper	Type - Standard	Electric, two-speed
	Type - Optional	None
Windshield washer	Type - Standard	Push-button
	Type - Optional	None
Horn	Type	Vibrator
	Number used	One
	Amp draw (each)	4.5-6.0 Amp. @ 12 Volts
Other		Parking brake and parking brake warning light

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MAKE OF CAR MONTE CARLO MODEL YEAR 1973 DATE ISSUED 9/72 REVISED (*)MODEL V8-350 Standard

DRIVE UNITS — CLUTCH (Manual Transmission)

Make & type	Chevrolet, single dry disc	
Type pressure plate springs	Diaphragm, bent finger design	
Total spring load (lb.)	2100-2300	
No. of clutch driven discs	One	
Clutch facing	Material	Woven type asbestos
	Outside & inside dia.	10.34 x 6.50
	Total eff. area (sq.in.)	101.54
	Thickness	.135
	Engagement cushioning method	Flat spring steel between facings
Release bearing	Type & method of lubrication	Single row ball packed and sealed
Torsional damping	Methods: springs, friction material	Coil springs

DRIVE UNITS — TRANSMISSIONS

Manual 3-speed (std., opt. N.A.)	Standard
Manual 4-speed (std., opt. N.A.)	NA
Automatic (std., opt. N.A.)	Optional with all engines

DRIVE UNITS — MANUAL TRANS.

Number of forward speeds	3		
Transmission ratios	In first	2.54	
	In second	1.50	
	In third	1.00	
	In fourth	--	
	In reverse	2.63	
Synchronous meshing, specify gears	All forward gears		
Shift lever location	Steering column		
Lubricant	Capacity (pt.)	3	
	Type recommended	Meeting Military Specs. MIL-L-2105B	
	SAE viscosity number	Summer	SAE 80
		Winter	SAE 80
		Extreme cold	SAE 80

AMA Specifications Form—Passenger Car

MAKE OF CAR MONTE CARLO MODEL YEAR 1973 DATE ISSUED 9/72 REVISED (*)

MODEL V8-350 3-Speed Automatic V8-454

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 & bucket seats	
List gear ratios Selector Pattern and indicate which are used in each selector position	P-Park R-1.93 N-Neutral D-2.52-1.52-1.00 L2-2.52-1.52 L1-2.52	P-Park R-2.08 N-Neutral D-2.48-1.48-1.00 L2-2.48-1.48 L1-2.48
Max. upshift speed—drive range		
Max. kickdown speed—drive range		
Torque converter	Number of elements	3
	Max. ratio at stall	2.10
	Type of cooling (air, liquid)	Water
	Nominal diameter	11.75
Lubricant	Capacity—refill (pt.)	8
	Type recommended	9
Special transmission features	A suffix A	

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.	3.00 x 57.65 x 0.065
	Manual 4-speed trans.	Not available
	Overdrive transmission	Not available
	Automatic transmission	Same as 3-speed

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

(Continued)

AMA Specifications Form—Passenger Car

MAKE OF CAR MONTE CARLO MODEL YEAR 1973 DATE ISSUED 9/72 REVISED (*)

MODEL _____

DRIVE UNITS – PROPELLER SHAFT (cont.)

Inter-mediate 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.	Saginaw 27 & 32
	Number used	Two
	Type (ball and trunnion, cross)	Cross
	Rear attach. (u-bolt, clamp, etc.)	U-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

DRIVE UNITS – AXLE

Location (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)		Shim	
Pinion bearing adi. (shim, other)		Collapsible sleeve	
Axle bearing type		Direct or single row cylindrical	
Lubricant	Capacity (qt.)	4.25	
	Type recommended	Open Diff: Meeting Military Specs. MIL-L-2105B	
	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
No. of teeth	Pinion	15	12
	Ring gear	41	37
Ring Gear O.D.	8.50		

AMA Specifications Form—Passenger Car

MAKE OF CAR MONTE CARLO MODEL YEAR 1973 DATE ISSUED 9/72 REVISED ^(*)

MODEL _____

DRIVE UNITS — TIRES AND WHEELS (STANDARD)

TIRES	Size, load range, ply		G78x15B (2+2)	
	Type (bias, radial, etc.)		Bias belted	
	Normal max. load inflation pressure (cold)	Front	*	26
		Rear	*	26
Rev./mile @ 45 mph			750	
WHEELS	Type & material		Short spoke disc; steel	
	Rim (size & flange type)		15 x 7	
	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		GR70 x 15B (2+2)	
Type (bias, radial, etc.)		Radial steel belted	
Normal max. load inflation pressure (cold)	Front	*	28
	Rear	*	28
Rev./mile @ 45 mph		760	
Wheel type & material		Short spoke disc; steel	
Rim (size & flange type)		15 x 7	

DRIVE UNITS — TIRES AND WHEELS (OPTIONAL)

Size, load range, ply		
Type (bias, radial, etc.)		
Normal max. load inflation pressure (cold)	Front	
	Rear	
Rev./mile @ 45 mph		
Wheel type & material		
Rim (size & flange type)		

BRAKES — PARKING

Type of control		Apply-foot pedal; Release-pull handle	
Location of control		Lower edge of instrument panel, left of stg. col.	
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 pressure shown; selective tire pressures are contingent on weight of vehicle

AMA Specifications Form—Passenger Car

MAKE OF CAR MONTE CARLO MODEL YEAR 1973 DATE ISSUED 9/72 REVISED ^(a)

MODEL _____

BRAKES—SERVICE

Type (drum) or (disc & no. of pistons)		Disc, front; drum, rear (a)		
Self adjusting (std., opt., N.A.)		Standard		
Special Valving	Type (proportion, delay, metering, other)	Metering and proportioning		
Power brake make & type (remote, int., etc.)	Std. Opt.	Standard, Delco Moraine		
Effective area (sq. in.) *		101.9		
Gross lining area (sq. in.) **		118.1		
Swept area (sq. in.) ***		337.3		
Effectiveness		Front Rear		
		Controlled by valving		
Drum	Diameter (nominal)	Front	--	
		Rear	9.5	
Type and material		Composite; cast iron rim, steel web		
Rotor	Outer working diameter		11.0	
	Inner working diameter		7.18	
	Thickness		1.00	
Material & type (vented, solid)		Cast iron; vented		
Wheel cylinder bore	Front	2.9375		
	Rear	0.875		
Master Cylinder	Bore	1.125		
	Stroke	1.46		
Pedal arc ratio		3.1		
Line pressure at 100 lb. pedal load				
Shoe Clearance	Front	Self adjusting		
	Rear	Self adjusting		
Anti-skid device type (std., opt., N.A.)		N.A.		
Brake lining	Bonded or riveted		Riveted	
	Front Wheel	Material	Molded asbestos	
		Size (length x width x thickness)	Prim. or sec. board	5.40 x 1.93 x 0.46
			Second. board	5.40 x 1.93 x 0.46
		Segments per shoe	One	
	Rear Wheel	Material	Molded asbestos	
		Size (length x width x thickness)	Prim. or sec. board	7.60 x 2.0 x 0.23
			Second. board	9.87 x 2.0 x 0.30
Segments per shoe		One		

* Excludes rivet holes, grooves, chamfers, etc. ** Includes rivet holes, grooves, chamfers, etc.
 *** Total swept area for four brakes. (Width lining contact width for each brake x its contact circumference.)

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MAKE OF CAR MONTE CARLO MODEL YEAR 1973 DATE ISSUED 9/72 REVISED (*)

MODEL _____

STEERING

Manual (std., opt., NA)				
Power (std., opt., NA)		Standard; energy absorbing steering column		
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	15.25 x 1475 (Oval)		
	Power	38.95		
Turning diameter (feet)	Outside front	Wall to wall (l. & r.)	42.88	
		Curb to curb (l. & r.)		
	Inside rear	Wall to wall (l. & r.)	--	
		Curb to curb (l. & r.)	--	
Manual	Gear	Type		
		Make		
		Ratios		
		Overall		
	No. wheel turns (stop to stop)			
Power	Type (coaxial, linkage, etc.)		Integral gear and power piston with vane type gear	
	Make		Saginaw Steering	
	Gear	Type	Semi-reversible, recirculating ball nut	
		Ratios	16:1 to 13:1	
		Overall	17:1 to 14:1	
	Pump driven by		Crankshaft pulley	
No. wheel turns (stop to stop)				
Linkage	Type		Parallelogram	
	Location (front or rear of wheels, other)		Front of wheels	
	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.)		P 4 3/4 ± 1/2	
	Camber (deg.)		LH-P1 ± 1/2; RH-P 1/2 ± 1/2	
	Toe-in (outside track inches)		1/16 ± 1/16	
Steering spindle & joint type		Forging with pad for mounting brake cylinder spherical		
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	

AMA Specifications Form—Passenger Car

MAKE OF CAR MONTE CARLO MODEL YEAR 1973² DATE ISSUED 9/72 REVISED (*)

MODEL _____

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	Geometry of rear suspension
Special provisions for car jacking	Position jack in bumper slots in lower face of front and rear bumper
Shock absorber front & rear	Direct double acting hydraulic
Type	Delco
Make	1.00
Piston dia.	
Other special features	

SUSPENSION – FRONT

Type and description	Independent - SLA type with coil spring and concentric shock absorber and spherically jointed steering knuckle for each wheel
Spring	
Type	Coil
Material	Steel alloy
Size (coil design height & I.D., bar length x dia.)	11.0 x 4.00; 126.23 x .680 (a)
Spring rate (lb. per in.)	400 (a)
Rate at wheel (lb. per in.)	101.6 (a)
Stabilizer	
Type (link, linkless, frameless)	Link
Material & bar diameter	HR steel; 0.9375

SUSPENSION – REAR

Type and description	Linked; Salisbury axle fixed by control arms
Drive and torque taken through	Control arms
Spring	
Type	Coil
Material	Steel alloy
Size (length x width, coil design height & I.D., bar length & dia.)	10.0 x 5.50; 110.8 x .548 (a)
Spring rate (lb. per in.)	115 (a)
Rate at wheel (lb. per in.)	114 (a)
Mounting insulation type	Natural rubber
Leaf	
No. of leaves	--
Shackle (comp. or tens.)	--
Stabilizer	
Type (link linkless, frameless)	Link
Material & bar diameter	HR steel -1.00
Track bar type	

For base equipped model, springs are computer selected by size and rate according to vehicle weight including optional equipment.

AMA Specifications Form—Passenger Car

MAKE OF CAR MONTE CARLO MODEL YEAR 1973 DATE ISSUED 9/72 REVISED (e)

MODEL _____

FRAME _____

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

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

BODY - MISCELLANEOUS INFORMATION

Drs. hinged (front, rc.)	Front doors	Front
	Rear doors	--
Type of finish (lacquer, enamel, other)		Acrylic lacquer
Hood counterbalanced (yes, no)		Yes
Hood release control (internal, external)		Internal
Vehicle Ident. No. location		Top left hand of instrument panel pad
Engine No. location		Top front of RH bank of cylinder 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	--
Seat cushion type	Front	Formed wire and foam pad
	Rear	Formed wire and foam pad
	3rd seat	--
Seat back type	Front	Formed wire and foam pad
	Rear	Formed wire and foam pad
	3rd seat	--
Windshield glass type (ie. single curved - laminated plate)		Curved - laminated plate
Side glass type (ie., curved tempered plate)		Curved - tempered plate
Backlight glass type (ie., compound curved - tempered plate, lens piece)		Curved - tempered plate
Windshield glass exposed surface area		1276.6
Side glass exposed surface area		1429.1
Backlight glass exposed surface area		902.3
Total glass exposed surface area		3608.0

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MAKE OF CAR MONTE CARLO MODEL YEAR 1973 DATE ISSUED 9/72 REVISED (*)

MODEL _____

CONVENIENCE EQUIPMENT

(Indicate whether standard, optional or NA on each series)

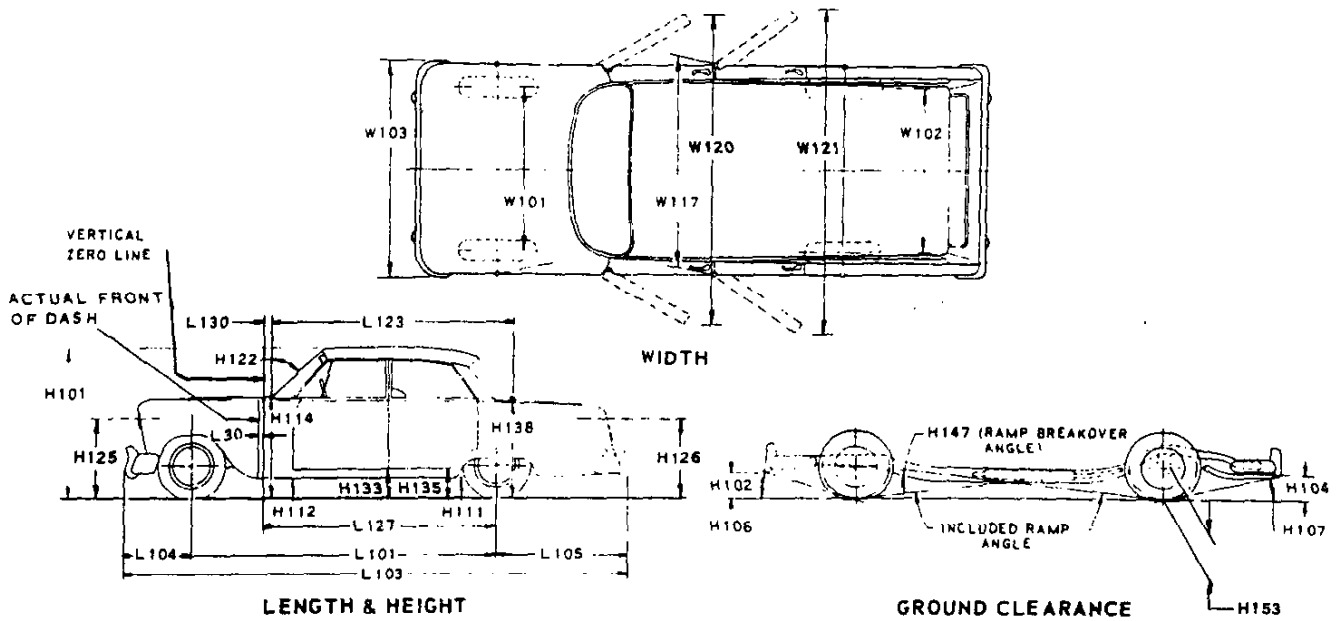
Power windows	Side windows	Optional
	Vent windows	NA
	Backlight or tailgate	--
Power seats (specify type as well as availability)		Optional 6-way bench seat
Reclining front seat back (R-L or both)		NA
Front seat head restrainer (R-L or both)		Standard
Radios (specify type as well as availability)		AM-FM Stereo-radio Optional AM - Push-button, AM-FM Push-button
Rear seat speaker		Optional
Power antenna		NA
Clock		Standard
Air conditioner (specify type and availability)		Optional-Four season, with manual control
Speed warning device		NA
Speed control device		Optional
Ignition lock lamp		NA
Dome lamp		Standard
Glove compartment lamp		Standard
Luggage compartment lamp		Optional
Underhood lamp		Optional
Courtesy lamp		Optional
Map lamp		Optional
Auto. trans. quad. lamp		Standard
Cornering light lamp		NA
Rear window defroster electrically heated		NA
Rear window defogger		Optional
Windshield antenna		Available with factory installed radio also with tinted windshield glass

LAMP HEIGHT AND SPACING

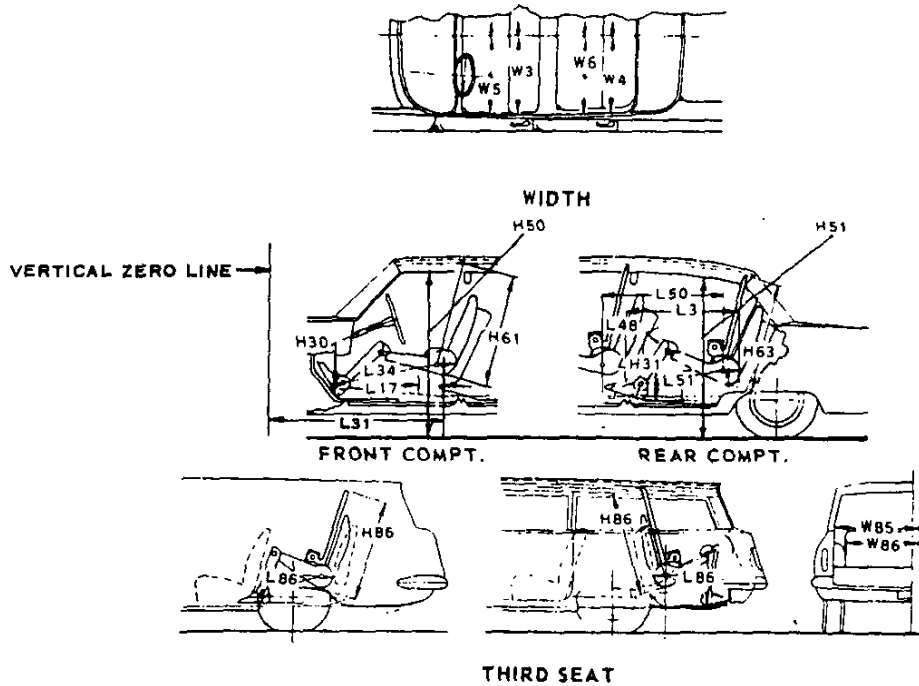
Height above ground to center of bulb or marker	Headlamp (H125)	Highest	31.84
		Lowest	25.16
	Tail (H126)	Highest	30.49
		Lowest	23.64
Sidemarker	Front		
	Rear		
Distance from center of bulb to	Headlamp	Inside	
		Outside	
	Tail	Inside	
		Outside	
Directors	Front		
	Rear		

* If single headlamps are used, use 29.16

CAR AND BODY DIMENSIONS KEY SHEET EXTERIOR CAR AND BODY DIMENSIONS



INTERIOR CAR AND BODY DIMENSIONS



CARGO SPACE

EXTERIOR CAR AND BODY DIMENSIONS
KEY ELEMENTS
DIMENSION DATA SHEET

WIDTH DIMENSIONS.

- W101 WHEEL TREAD - FRONT. Measured at center of tires, with nominal camber, or ground.
- W102 WHEEL TREAD - REAR. Measured at centerline of tires at ground.
- W103 MAXIMUM OVERALL CAR WIDTH. Include fenders, moldings, or sheet metal protrusions. Measured to outside of metal.
- W117 MAXIMUM BODY WIDTH AT #2 PILLAR. Measured across body at #2 pillar, excluding hardware and applied moldings.
- W120 MAXIMUM OVERALL CAR WIDTH, FRONT DOORS OPEN is measured to outside of sheet metal with front doors in maximum hold-open position.
- W121 MAXIMUM OVERALL CAR WIDTH, REAR DOORS OPEN is measured in same manner as W120.

LENGTH DIMENSIONS.

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

HEIGHT DIMENSIONS

- H101 OVERALL HEIGHT - DESIGN. Measured with car, vehicle in Manufacturer's Design Weight attitude.
- H114 COWL POINT TO GROUND. Measured to vehicle centerline.
- H138 DECK POINT TO GROUND. Reference of vehicle centerline.
- H112 ROCKER PANEL TO GROUND - FRONT. The vertical dimension from ground to bottom of rocker panel, excluding flanges, measured to the outside of sheet metal at innermost point of rocker panel.

- H132 FENDER OF DOOR TO GROUND, CLOSED - FRONT is the zero point on the door as H132 dimension, with door closed.
- H117 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.
- H100 BOTTOM OF DOOR TO GROUND, CLOSED - REAR is measured in same manner as H133.
- H112 WINDSHIELD SLOPE ANGLE. The angle between a vertical line and the windshield surface at car centerline. On compound-curved windshields the chord of the arc is used and limited to that section of the windshield comprehended by an 18-inch chord.
- H125 HEADLAMP CENTERLINE TO GROUND is measured vertically to the center of the upper lamp.
- H126 TAILLAMP CENTERLINE is measured vertically from ground to the centerline of the upper bulb.

GROUND CLEARANCE DIMENSIONS

- H122 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.
- H107 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 intersection of point on underside of car which defines the steepest angle.
- H155 REAR AXLE DIFFERENTIAL SYSTEM TO GROUND is a minimum clearance.
- H157 MINIMUM RUNNING GROUND CLEARANCE. Location of measurement on the car is to be clearly recorded.

INTERIOR CAR AND BODY DIMENSIONS
KEY SHEET
DIMENSION DEFINITIONS

FRONT COMPARTMENT DIMENSIONS

- L31 H POINT TO VERTICAL ZERO LINE - FRONT is a horizontal dimension.
- H61 EFFECTIVE HEAD ROOM - FRONT. The dimension from H Point to the headlining, plus a constant of 4.0 inches, measured along a line 8° to rear of vertical.
- 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 this 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 at 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 wheelhaulings at floor level.
- W204 OPENING WIDTH AT BELT. The minimum horizontal dimension, measured between the nearest normal inside limiting interferences of the rear opening at the top of the tailgate.
- H201 MAXIMUM CARGO HEIGHT. The maximum vertical dimension, measured from the top of the floor covering to the headlining, on the car centerline.
- H202 REAR OPENING HEIGHT. The vertical dimension measured from the top of the floor covering to the normal inside limiting interference at the top of the rear opening, on the car centerline, with both tail-and liftgates fully open.
- V2 CARGO VOLUME INDEX BEHIND FRONT SEAT. The total volume in cubic feet above the normal load floor and behind the front seat with the liftgate and tailgate closed.

W4xL204xH201

1728

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